



ROVER 75

Electrical Circuit Diagrams

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COLOUR CODES**DRAADKLEURCODES****CODICI COLORI DEI CAVI****CODES DES COULEURS DES FILS****CODIGOS DE COLORES DE LOS CABLES****KABELFARBCODES****CÓDIGOS DAS CORES DOS FIOS**

| CODE | COLOUR | CODE | KLEUR | CODE | COULEUR | CODE | FARBE | CODICE | COLORE | CODIGO | COLOR | CÓDIGO | COR |
|------|--------------|------|------------|------|------------|------|----------|--------|------------------|--------|----------------|--------|-------------|
| B | BLACK | B | ZWART | B | NOIR | B | SCHWARZ | B | NERO | B | NEGRO | B | PRETO |
| G | GREEN | G | GROEN | G | VERT | G | GRÜN | G | VERDE | G | VERDE | G | VERDE |
| K | PINK | K | ROZE | K | ROSE | K | ROSA | K | ROSA | K | ROSA | K | ROSA |
| LG | LIGHT GREEN | LG | LICHTGROEN | LG | VERT CLAIR | LG | HELLGRÜN | LG | VERDE CHIARO | LG | VERDE CLARO | LG | VERDE CLARO |
| N | BROWN | N | BRUIN | N | BRUN | N | BRAUN | N | MARRONE | N | MARRON | N | CASTANHO |
| O | ORANGE | O | ORANJE | O | ORANGE | O | ORANGE | O | ARANCIONE | O | NARANJA | O | LARANJA |
| P | PURPLE | P | PAARS | P | VIOLET | P | LILA | P | PORPORA | P | PURPURA | P | ROXO |
| R | RED | R | ROOD | R | ROUGE | R | ROT | R | ROSSO | R | ROJO | R | VERMELHO |
| S | SLATE (grey) | S | LEIGRIJS | S | GRIS | S | GRAU | S | ARDESIA (grigio) | S | PIZARRO (gris) | S | CINZENTO |
| U | BLUE | U | BLAUW | U | BLEU | U | BLAU | U | BLU | U | AZUL | U | AZUL |
| W | WHITE | W | WIT | W | BLANC | W | WEISS | W | BIANCO | W | BLANCO | W | BRANCO |
| Y | YELLOW | Y | GEEL | Y | JAUNE | Y | GELB | Y | GIALLO | Y | AMARILLO | Y | AMARELO |

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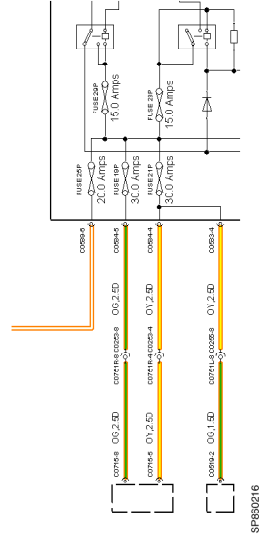
HOW TO USE THE CIRCUIT DIAGRAMS

All of the information in the Circuit Diagrams is intended for use with the Electrical Reference Library.

The circuit diagrams are presented with Power and Earth distribution first, followed by individual circuits for each electrical system on the vehicle.

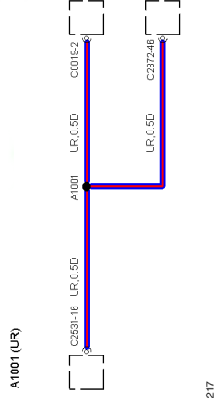
Power Distribution

The Power Distribution diagram shows the connections from the battery to the engine and passenger compartment fuse boxes. It also shows the internal circuitry of the fuse boxes.



Splices and centre taps

Header and splice tables present the joint(s) and wiring up to the first component. Splices are identified by a number with an alphabetical prefix and the wire colour.



The splice information shown on individual system circuits is not complete. Always refer to the splices circuit for complete information on each splice.

Wire attributes

Additional information (separated by a ':') is shown alongside the wire colour.

Wire gauge - the cross-sectional area of the wire in square millimetres. This is included to help you select the correct wire during harness repair.

Some wires do not have a gauge shown, these wires are of unique construction and will have a three or four letter code printed after the colour code, e.g. MAB. The code identifies the type of wire for manufacturing purposes. Usually, only the first two characters have significance in service, but in some instances the third character also becomes significant, see table.

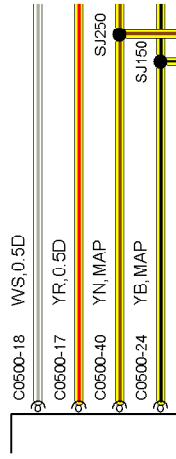
Wire type

The following table lists the wire type codes together with an explanation of their meaning.

| Code | Description |
|-----------------------------------|-------------------------------------------|
| D | Single core DIN wire |
| F | Single core flexible wire |
| H | Single core high temperature wire |
| SA* | Single core resistive wire (0.9 ohms/m) |
| SB*, SC*, SD* | Single core dual extruded wire |
| SE*, SF* | Single core fusible wire |
| MAC, MAD, MAE, MAF, MAG, MAH | Coaxial screened wire |
| MB*, MC*, MAK | Single core screened wire |
| MC*, MI*, MP*, MQ*, MAB, MAP | Twin core screened wire |
| MD*, MJ*, MAM | Twin core ABS sensor wire |
| ME*, TA*, TB*, MM*, MN*, MU*, MAI | Twisted pair of wires |
| MF* | Heated oxygen sensor (HO2S) screened wire |
| MG* | Twin core twisted, screened wire |
| MH | four core twisted, screened wire |
| MK* | Three core SRS sensor wire |
| ML*, MAA, MAF | Four core screened wire |
| MR* | Six core screened, flexible wire |
| MS* | Four core screened, flexible wire |
| MT* | Single core screened, flexible wire |
| MV* | Twin core flat wire |
| MW* | Three core round wire |
| MX*, MY* | Seven core round wire |
| MZ* | Three core screened, flexible wire |
| MAJ | Twin core round cable |
| MAQ, MAU | Three core screened wire |
| MAS | Single core, double sheath wire |
| MAT | Double core, double sheath wire |
| MAL | SFS wire |
| MAN | Twin core braided, screened wire |

HOW TO USE THE CIRCUIT DIAGRAMS

Connectors



SF660215

Connectors have a numbered suffix to indicate the pin-out detail of the wire, i.e. C500-17 identifies connector 500, pin number 17. Wire insulation colour is identified in the normal way. Where wires have a predominant colour with a secondary colour stripe, the main colour is identified first, i.e. YR - Yellow with a Red stripe.

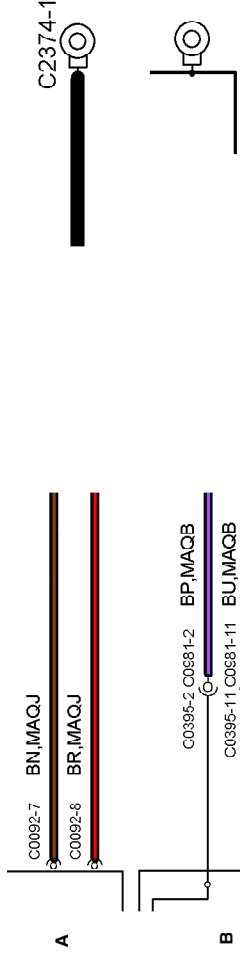
Line Types



SF660211

This means the wire connects to another circuit.

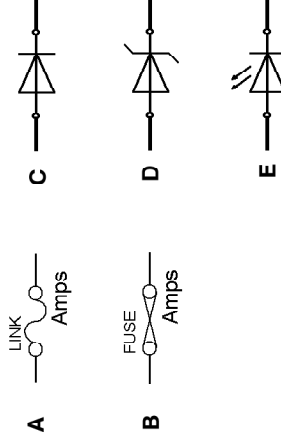
Earth points



SF660212

Earth points are identified with an eyelet symbol and a connector number, except where components are grounded through their fixings, when only the eyelet is shown.

Fuses and Diodes



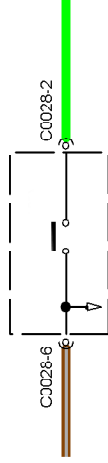
SF660218

Fusible links (A) and current rated fuses (B) are identified as shown. The direction of the arrow in a Diode symbol (C) indicates the direction of current flow. The Zener diode (D) - prevents current flow until a precise voltage is reached. A light emitting diode (LED) illuminates when current flows through it.

The cup and ball symbol indicates the male and female halves of connector.

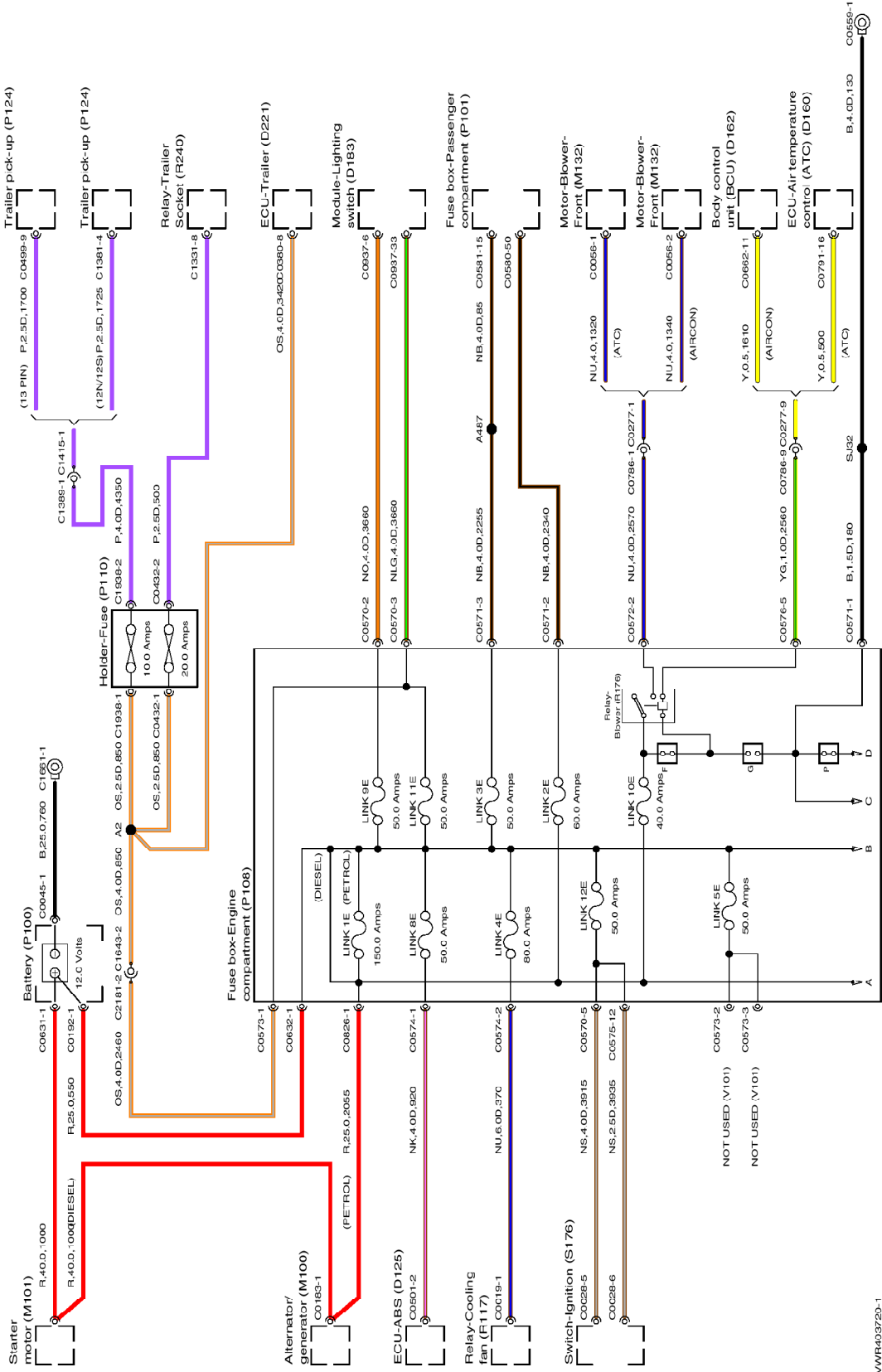
- A. Connector plugs directly into component.
- B. Plug on lead (Flylead) wired directly to the component.

Components

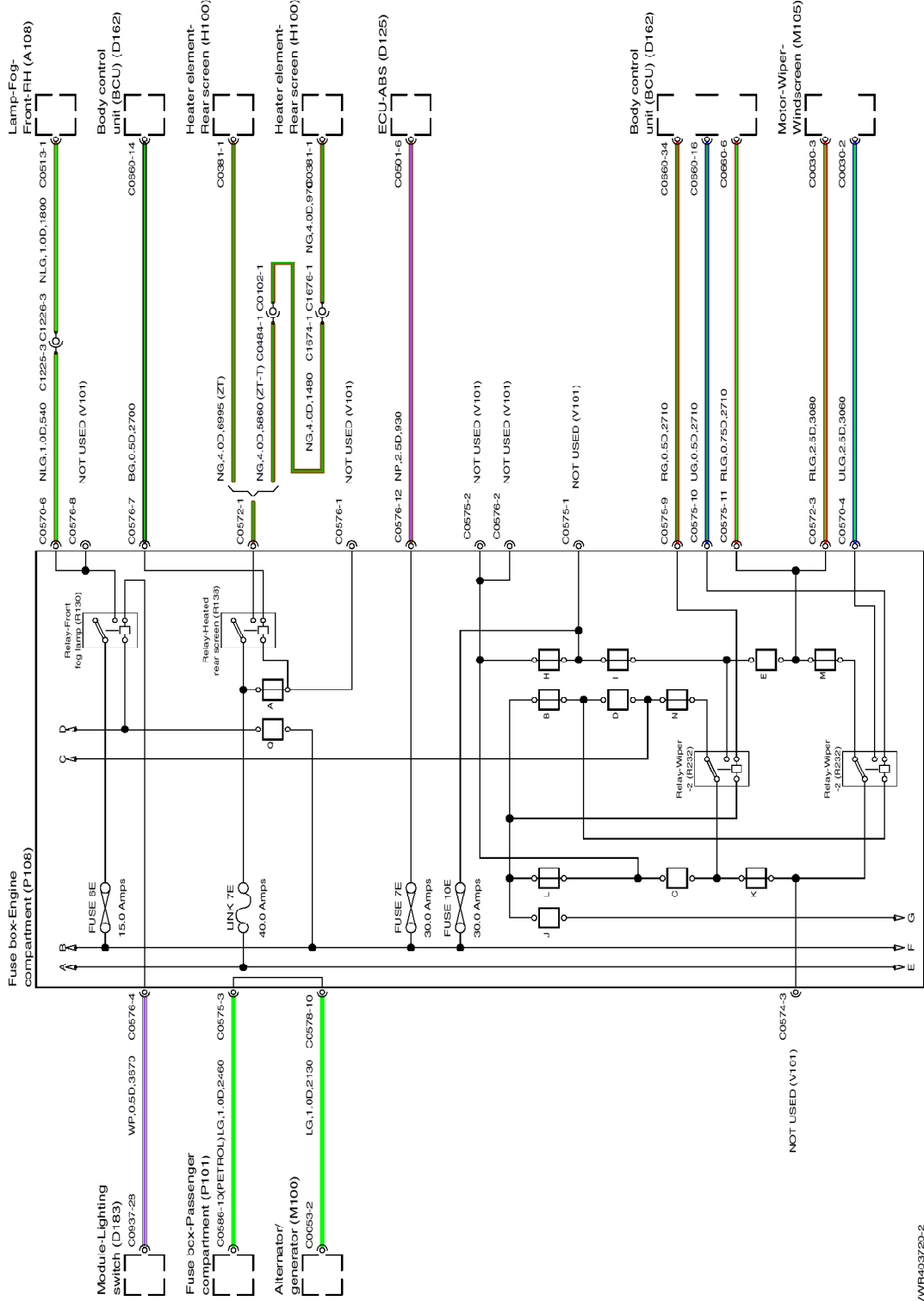


SF660214

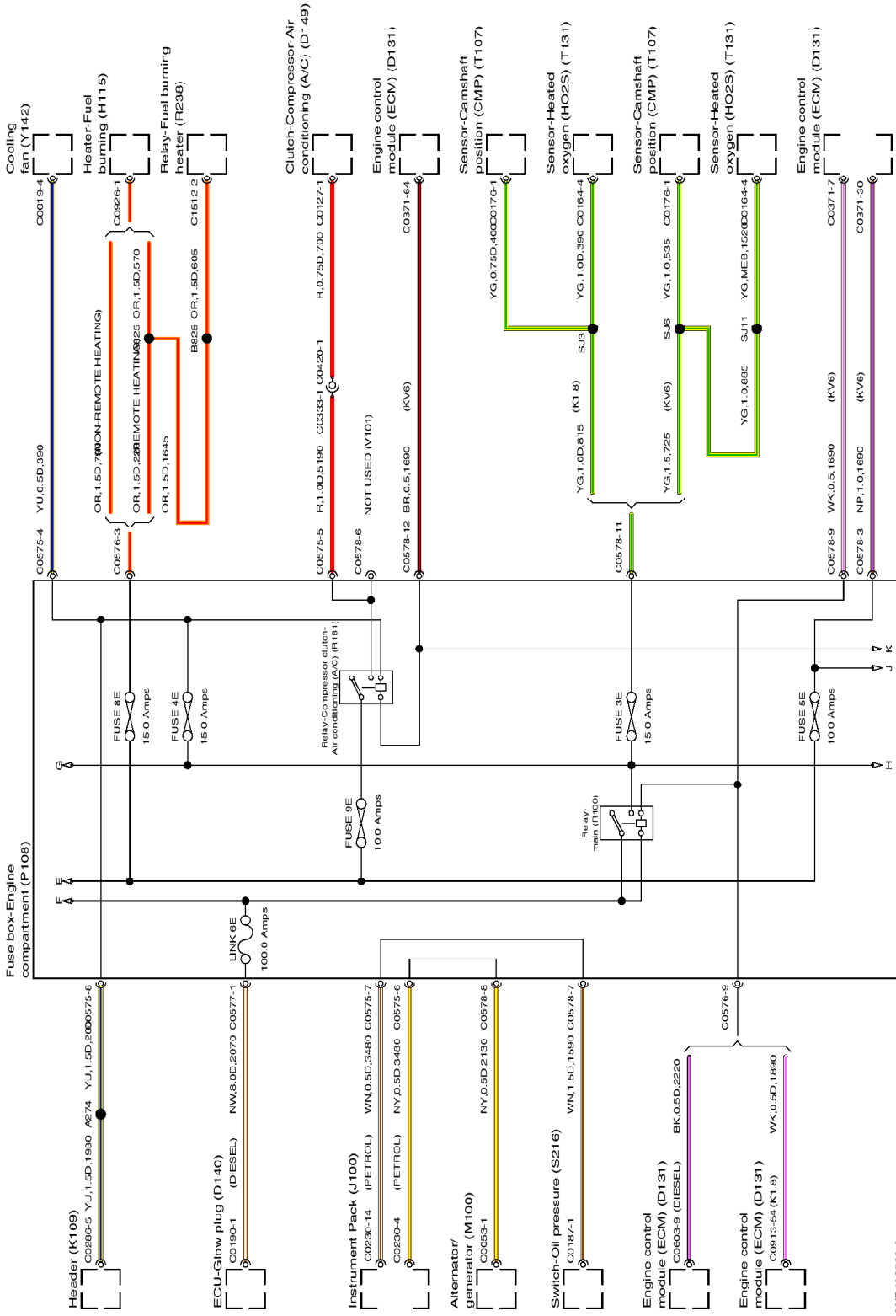
A dotted outline indicates that the component is not shown in its entirety.



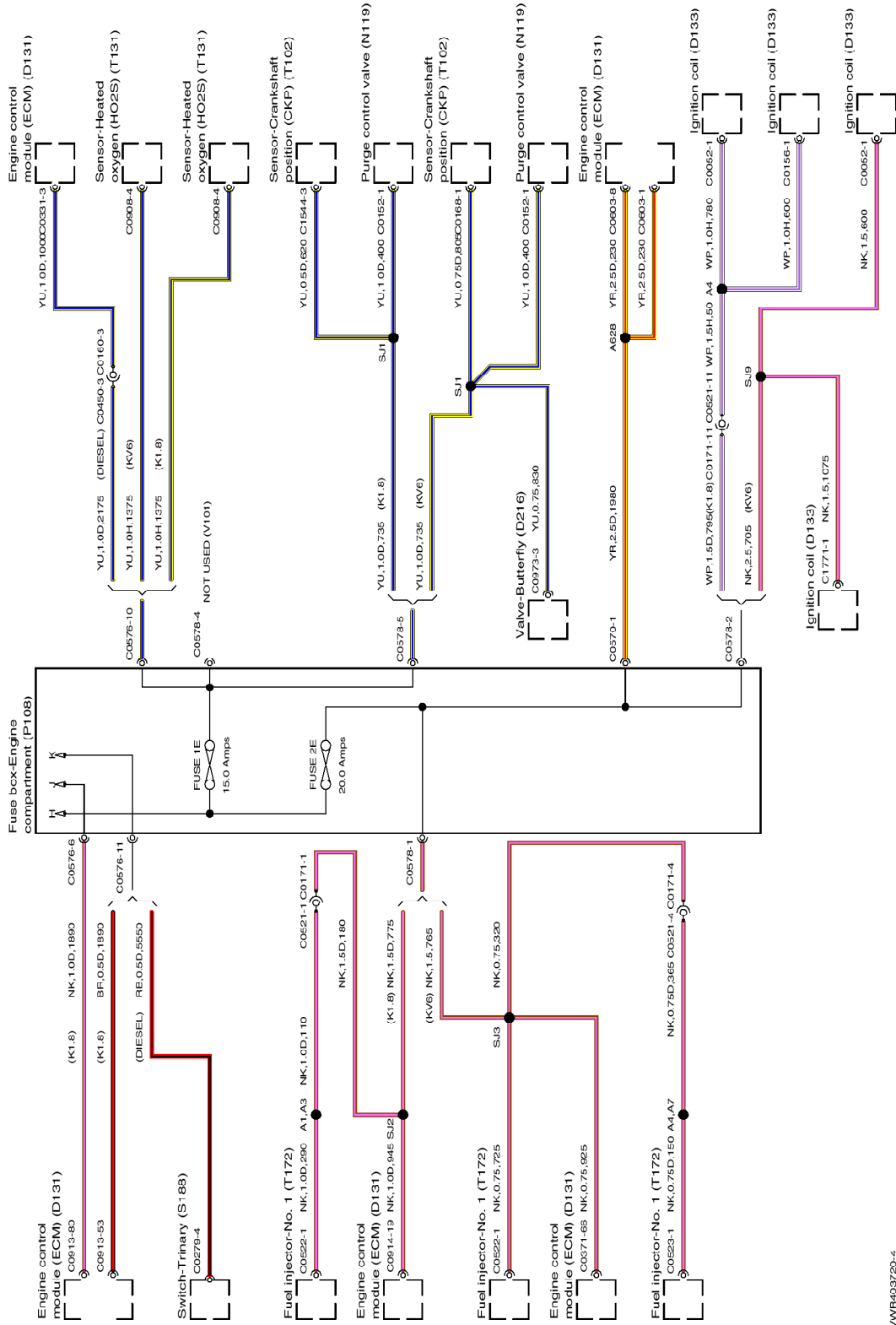
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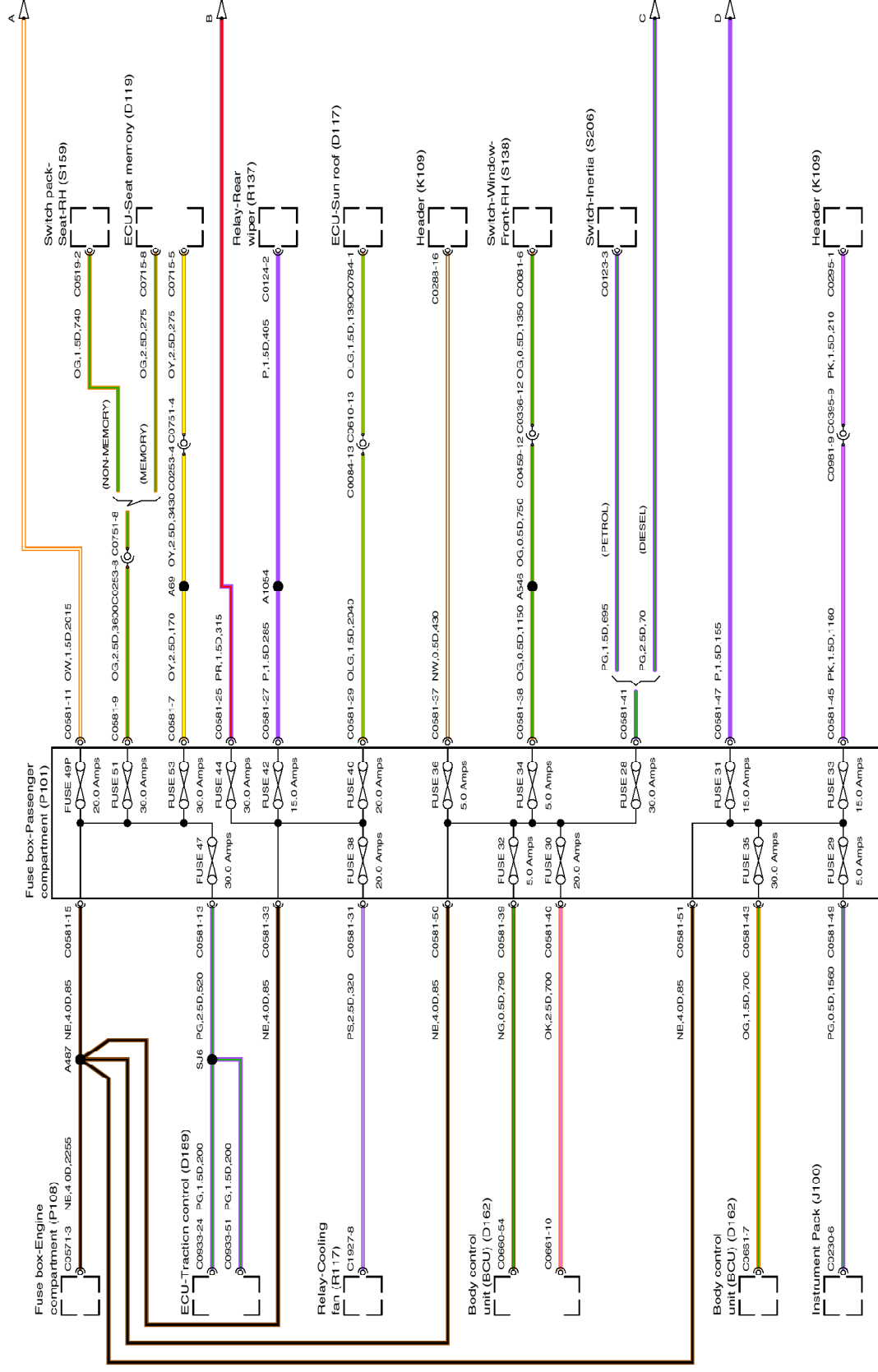
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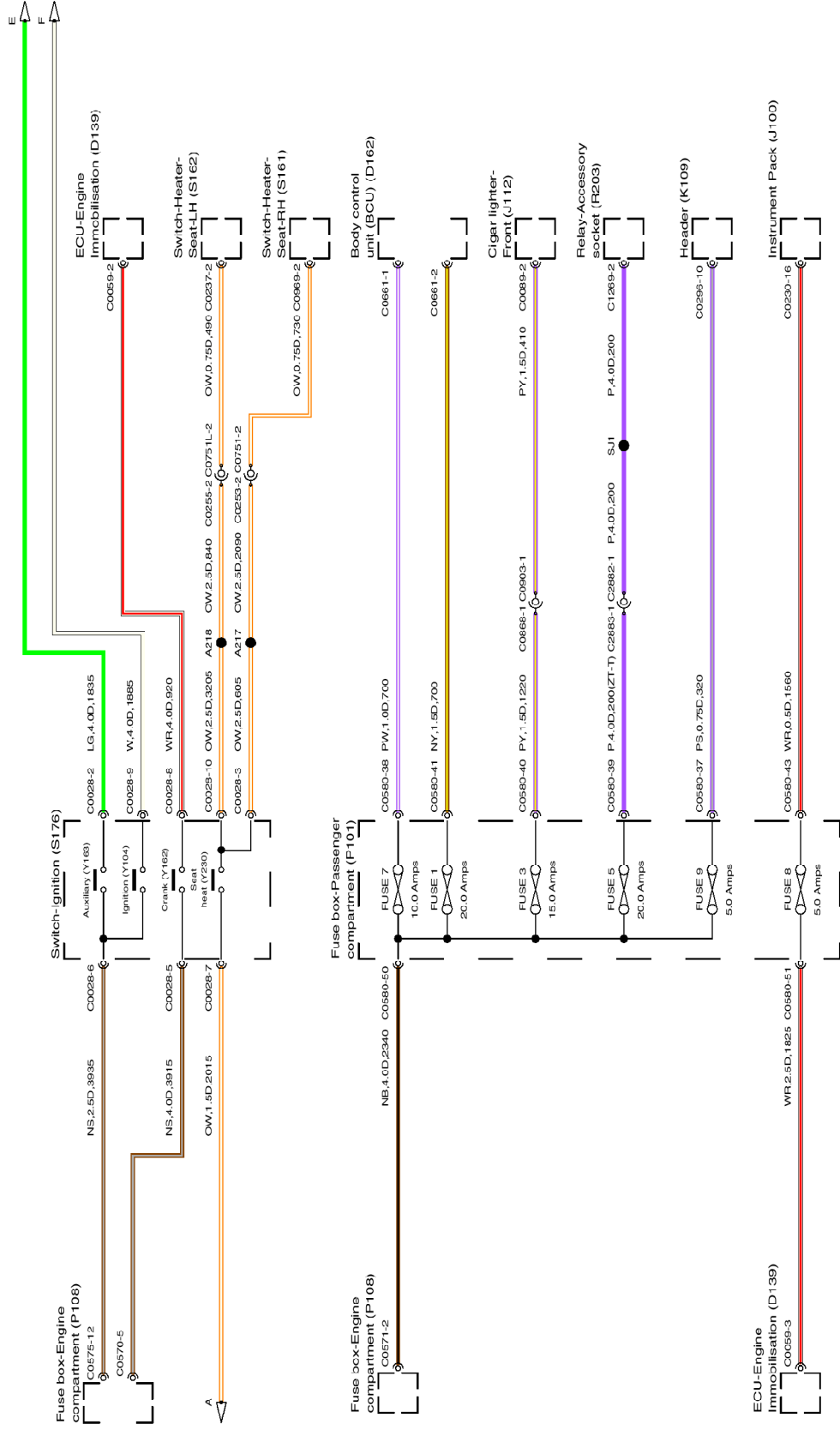
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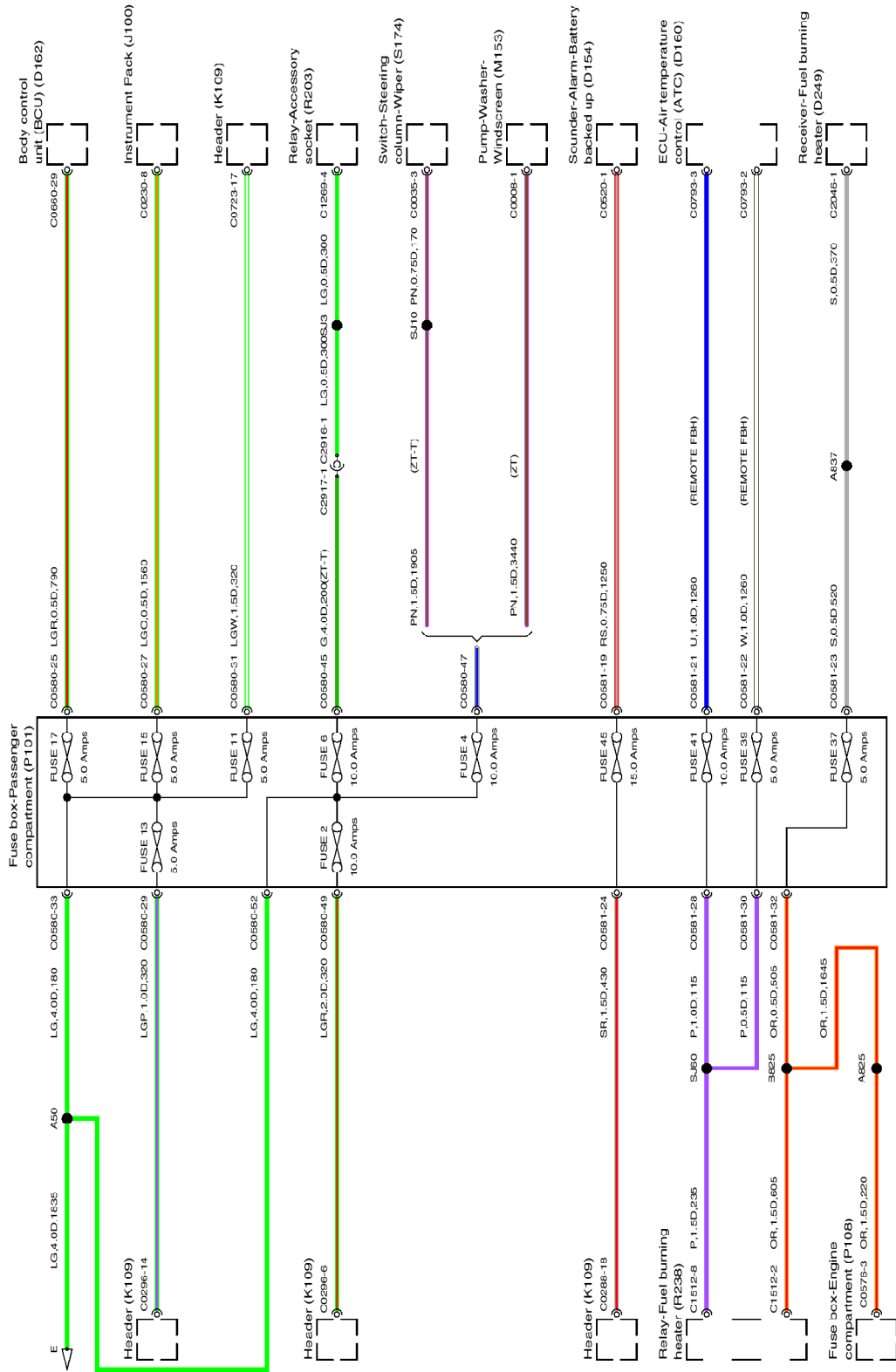
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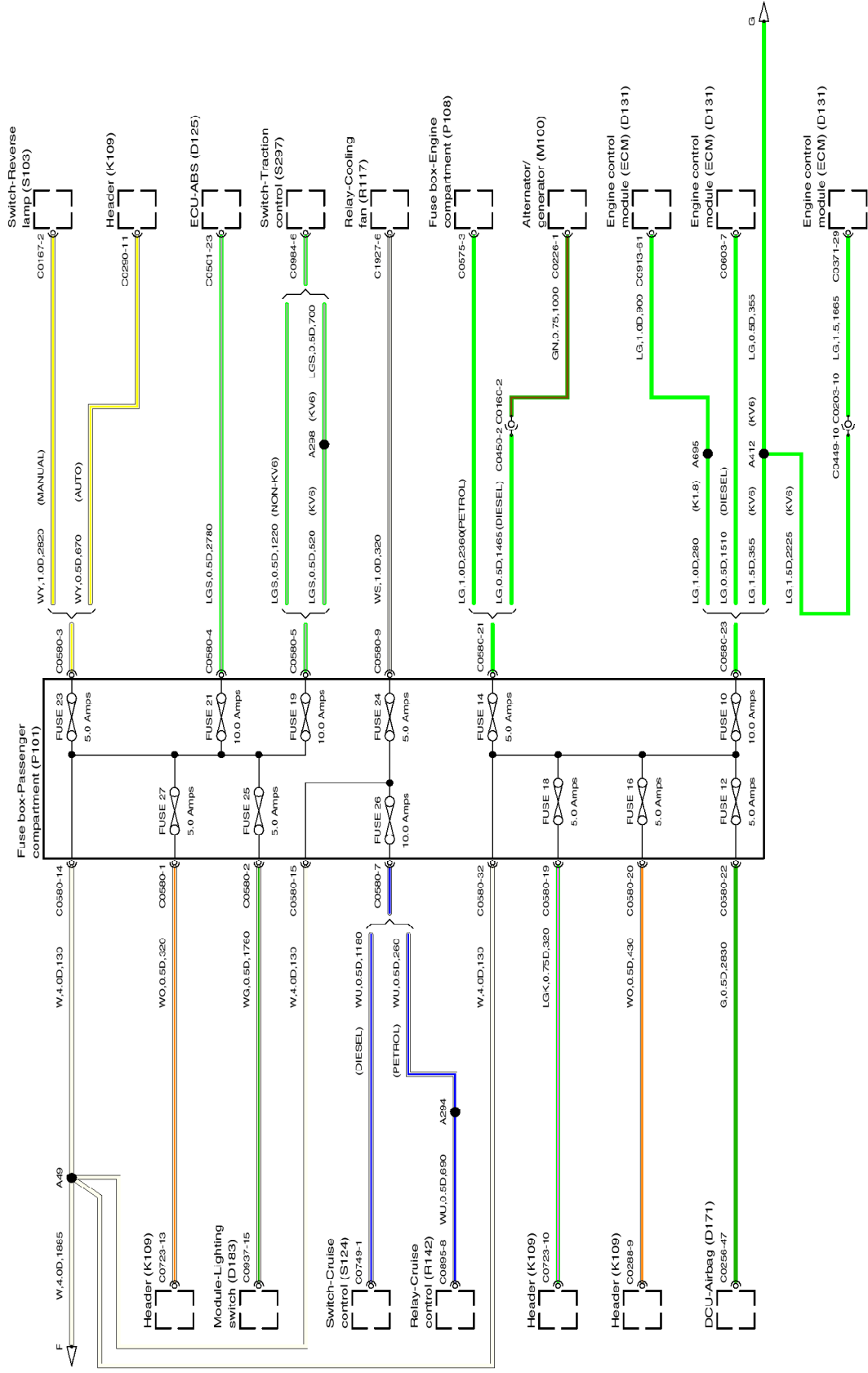
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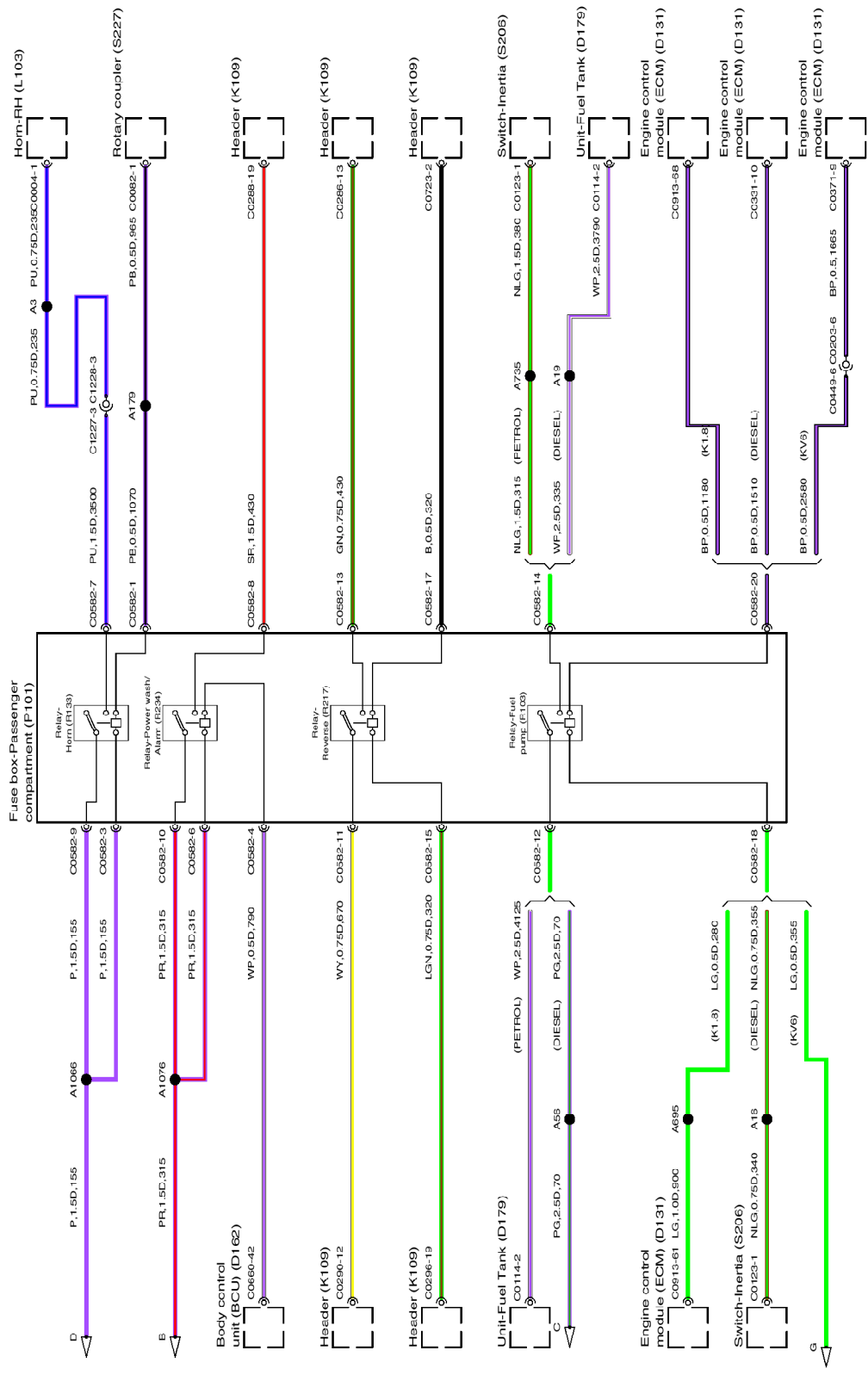
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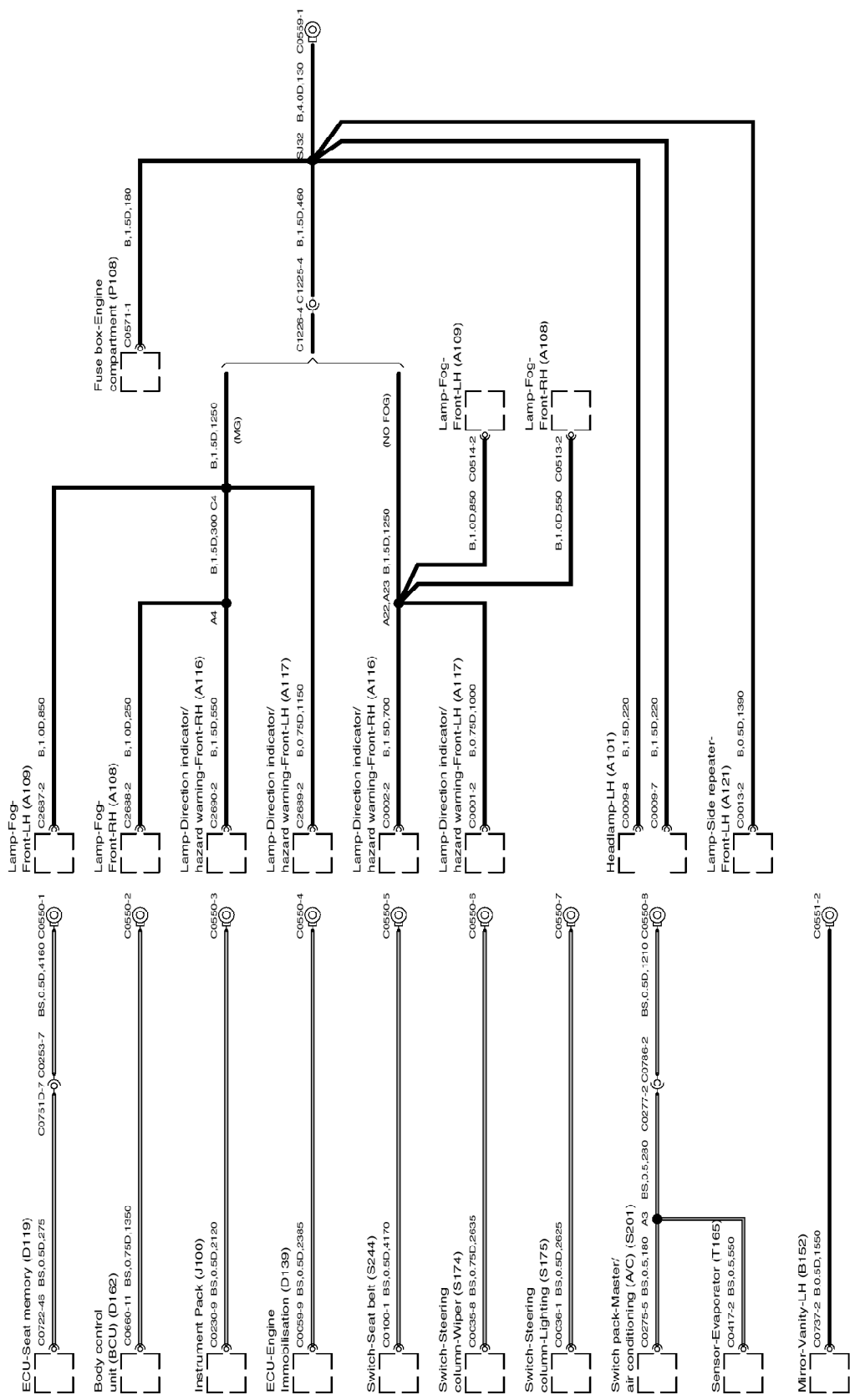
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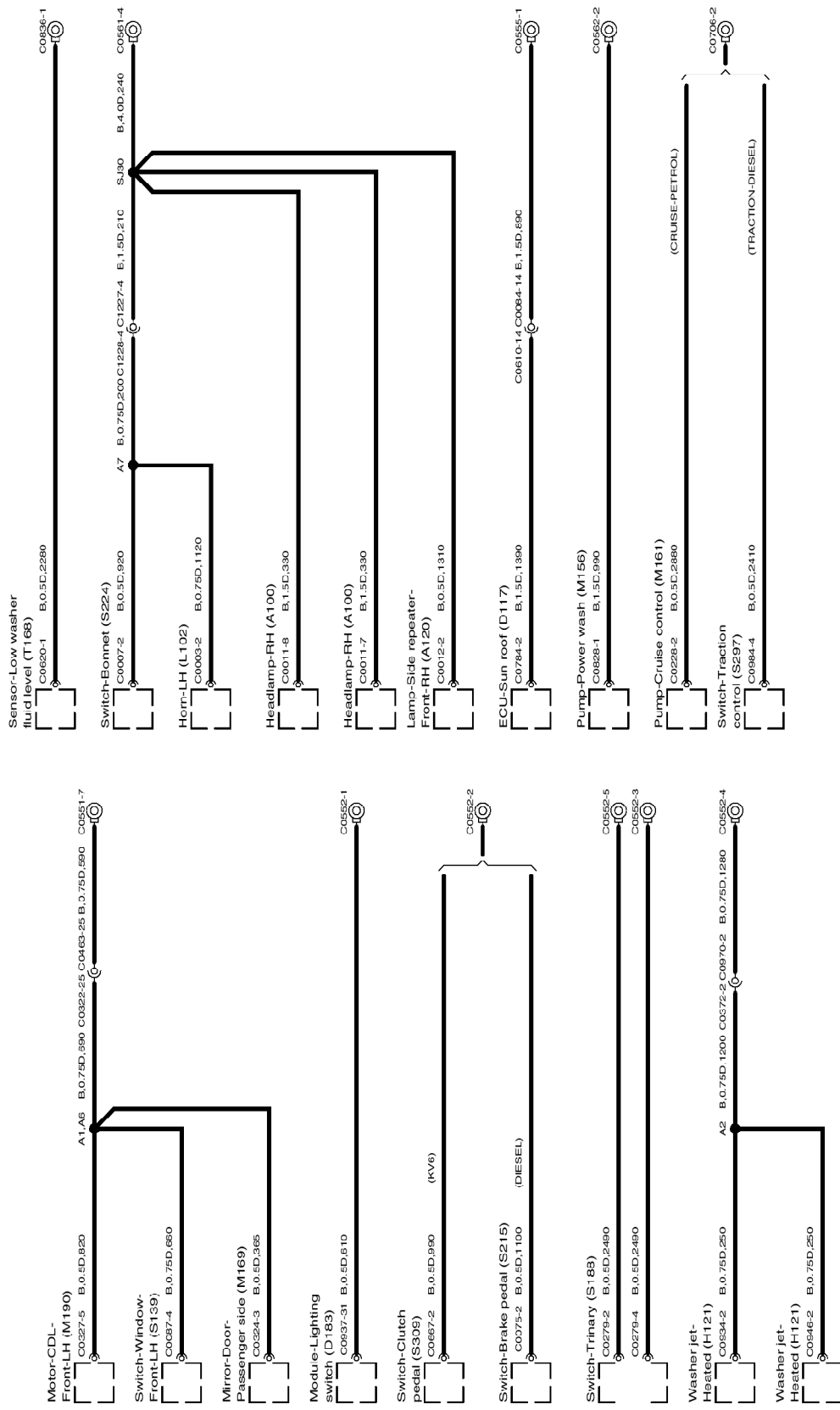
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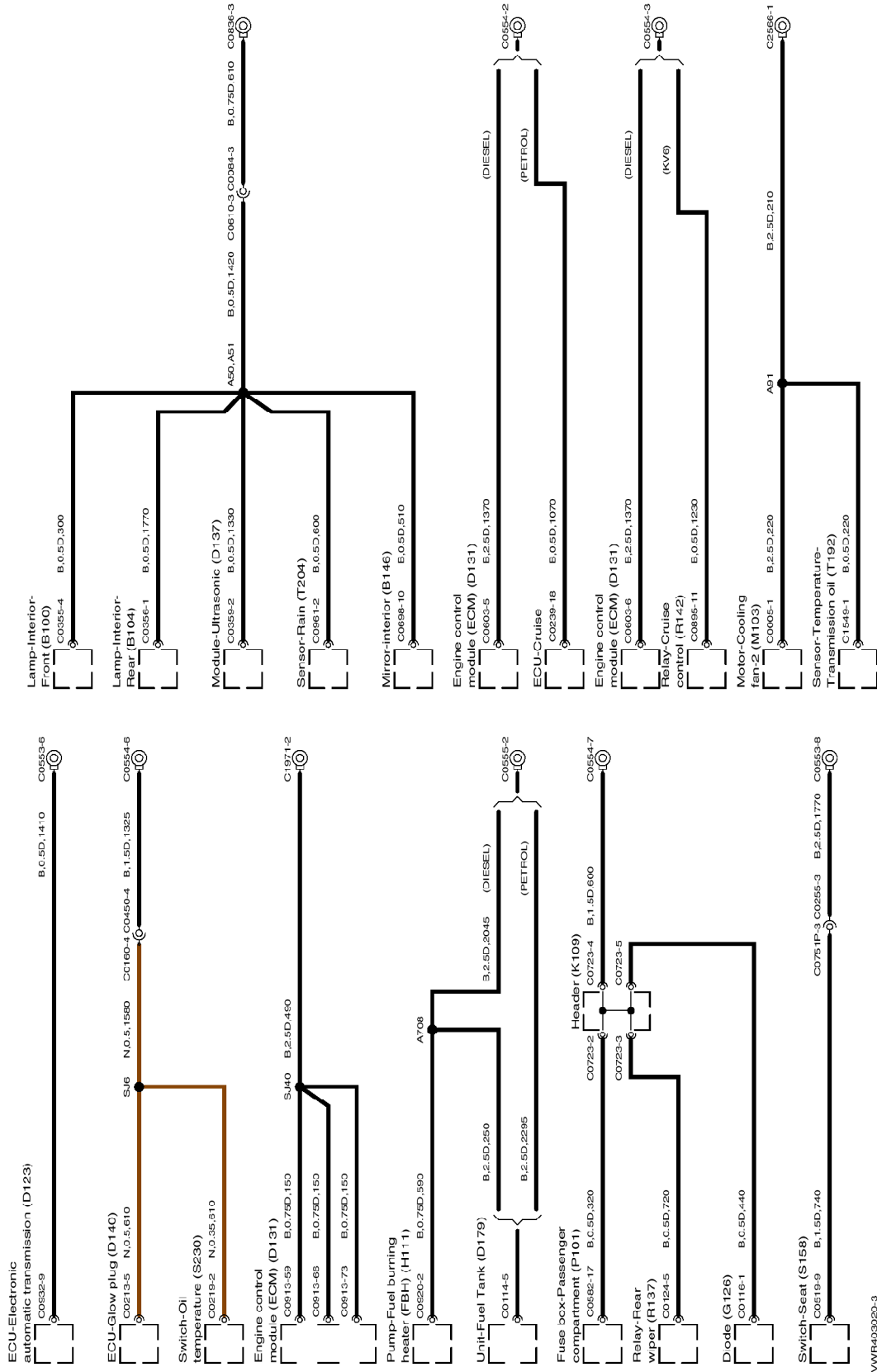
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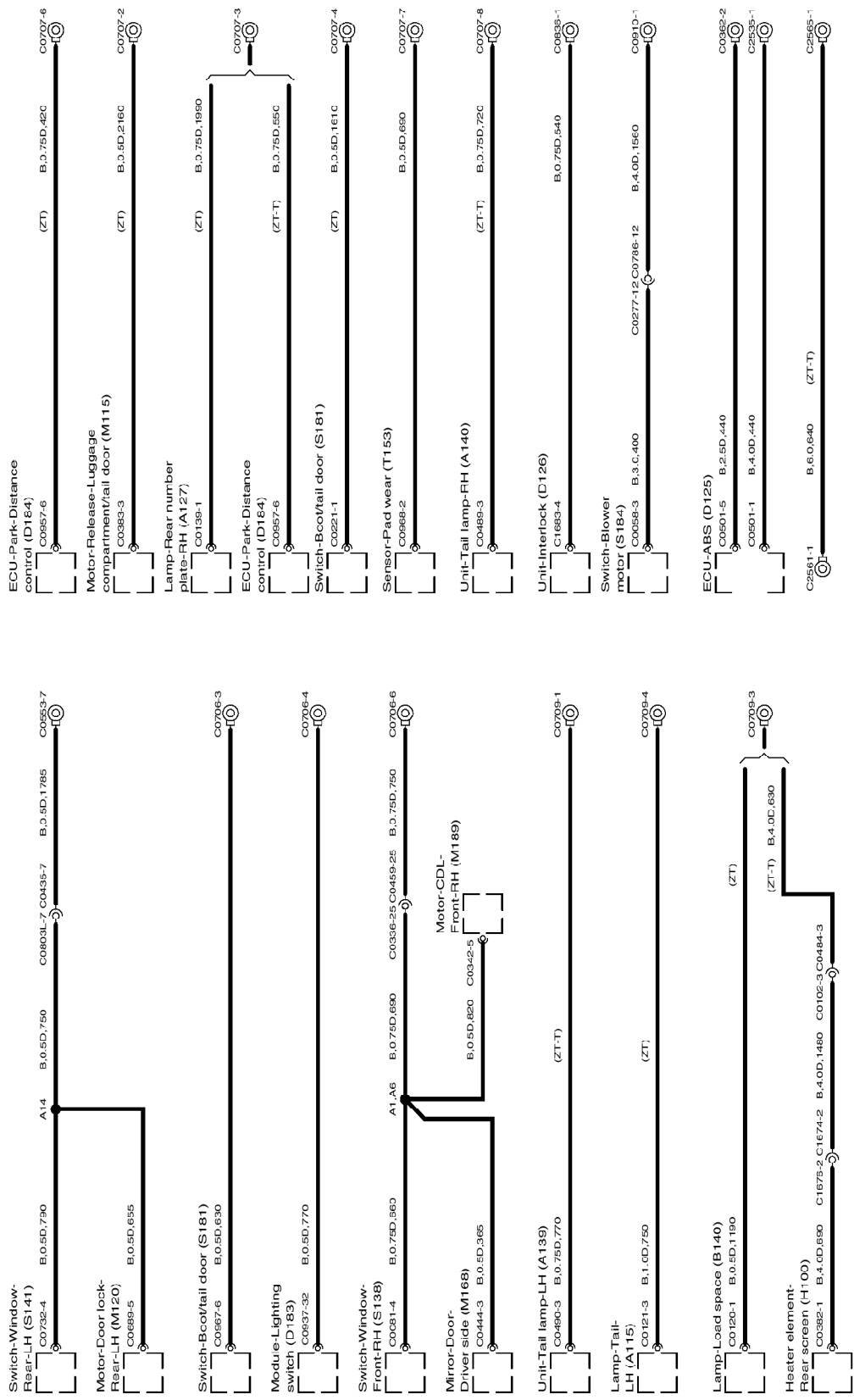
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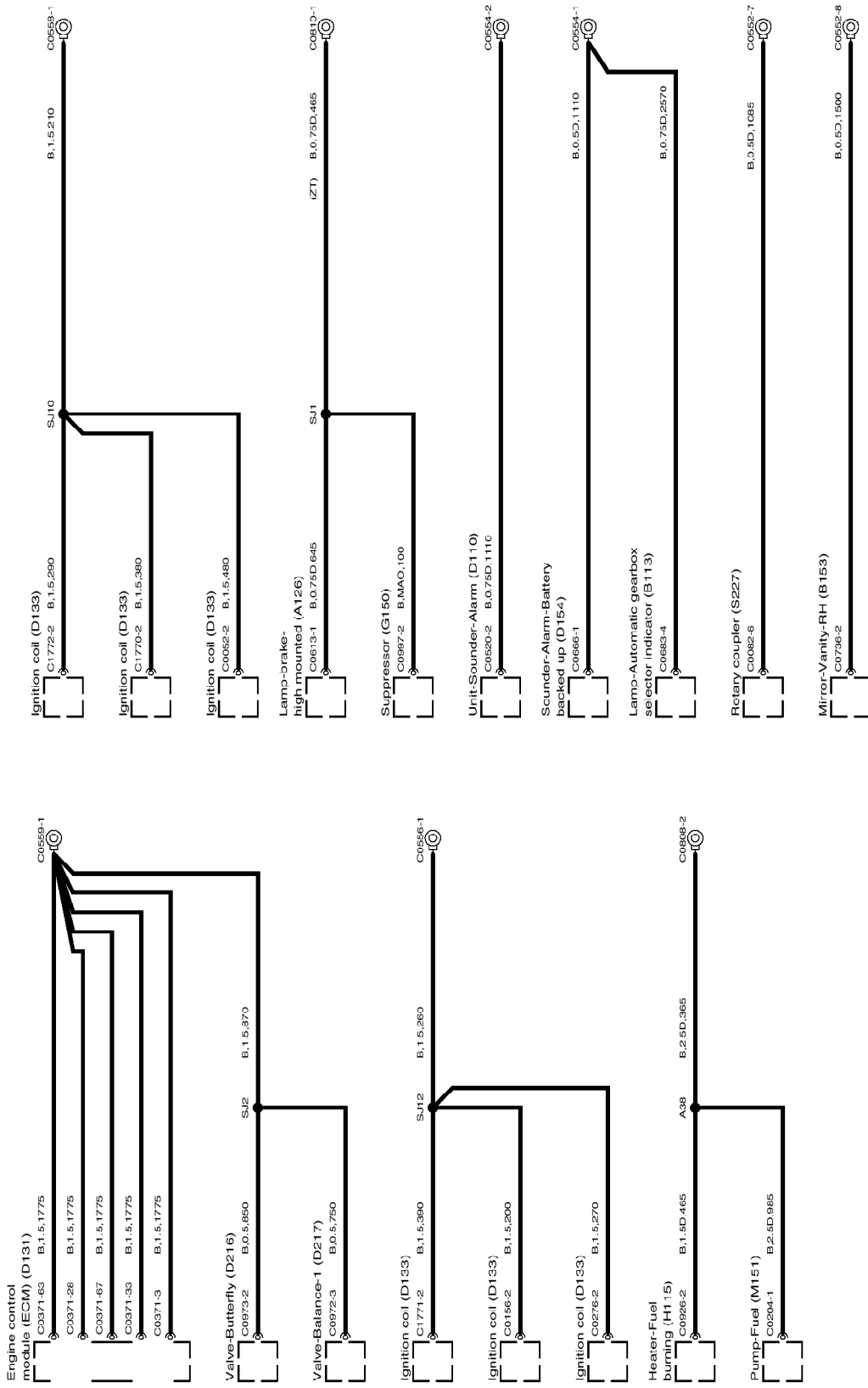
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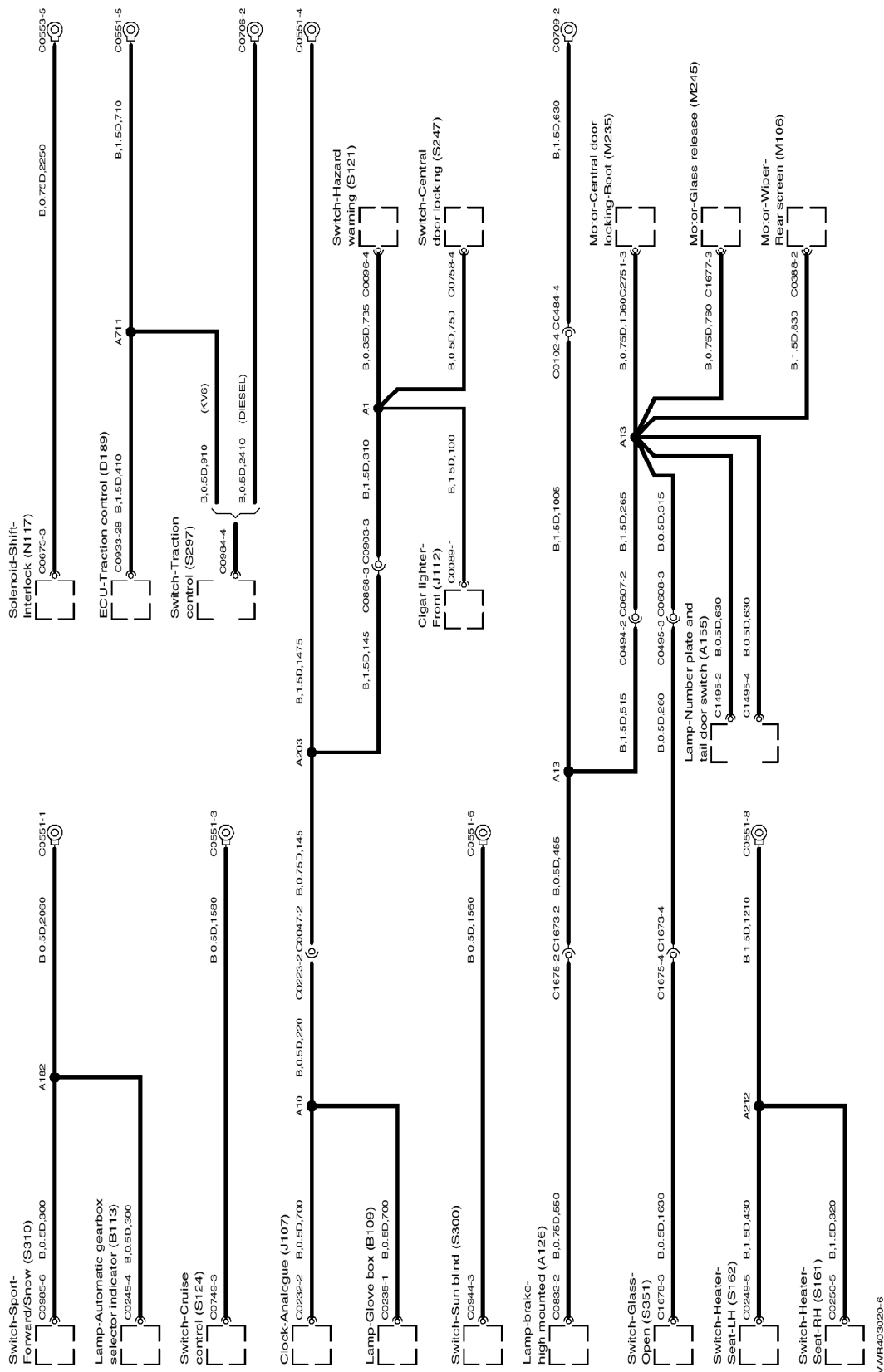
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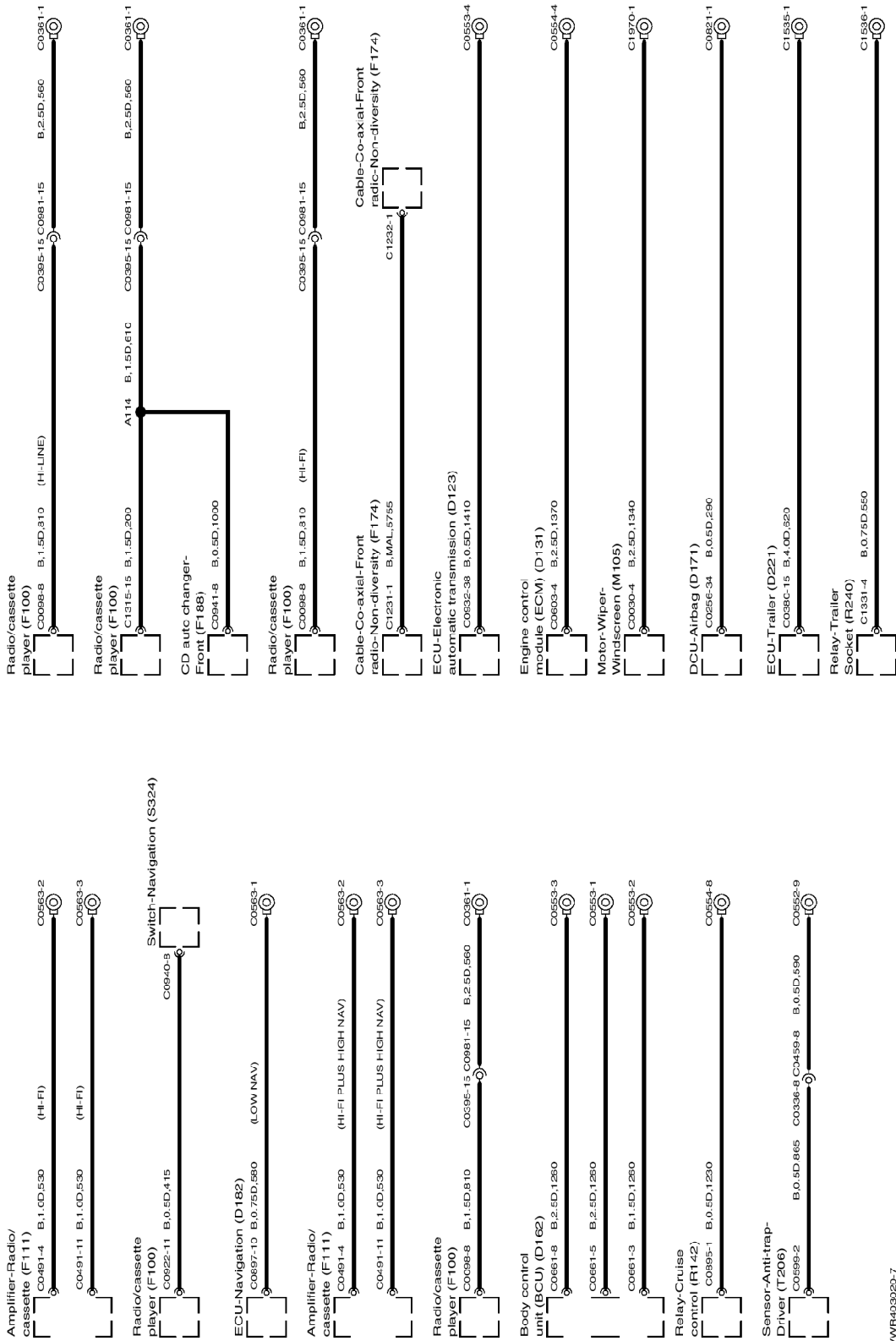
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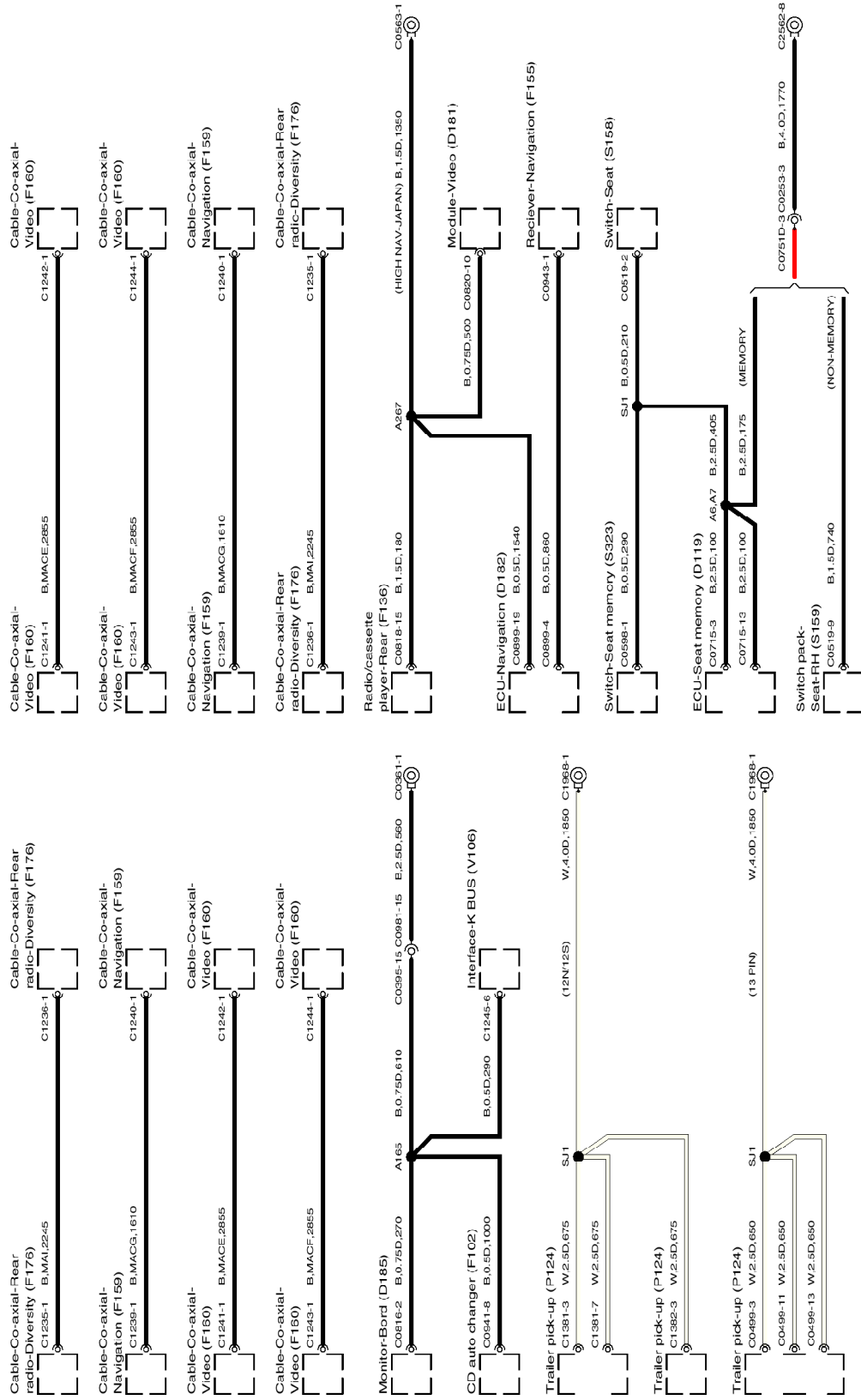
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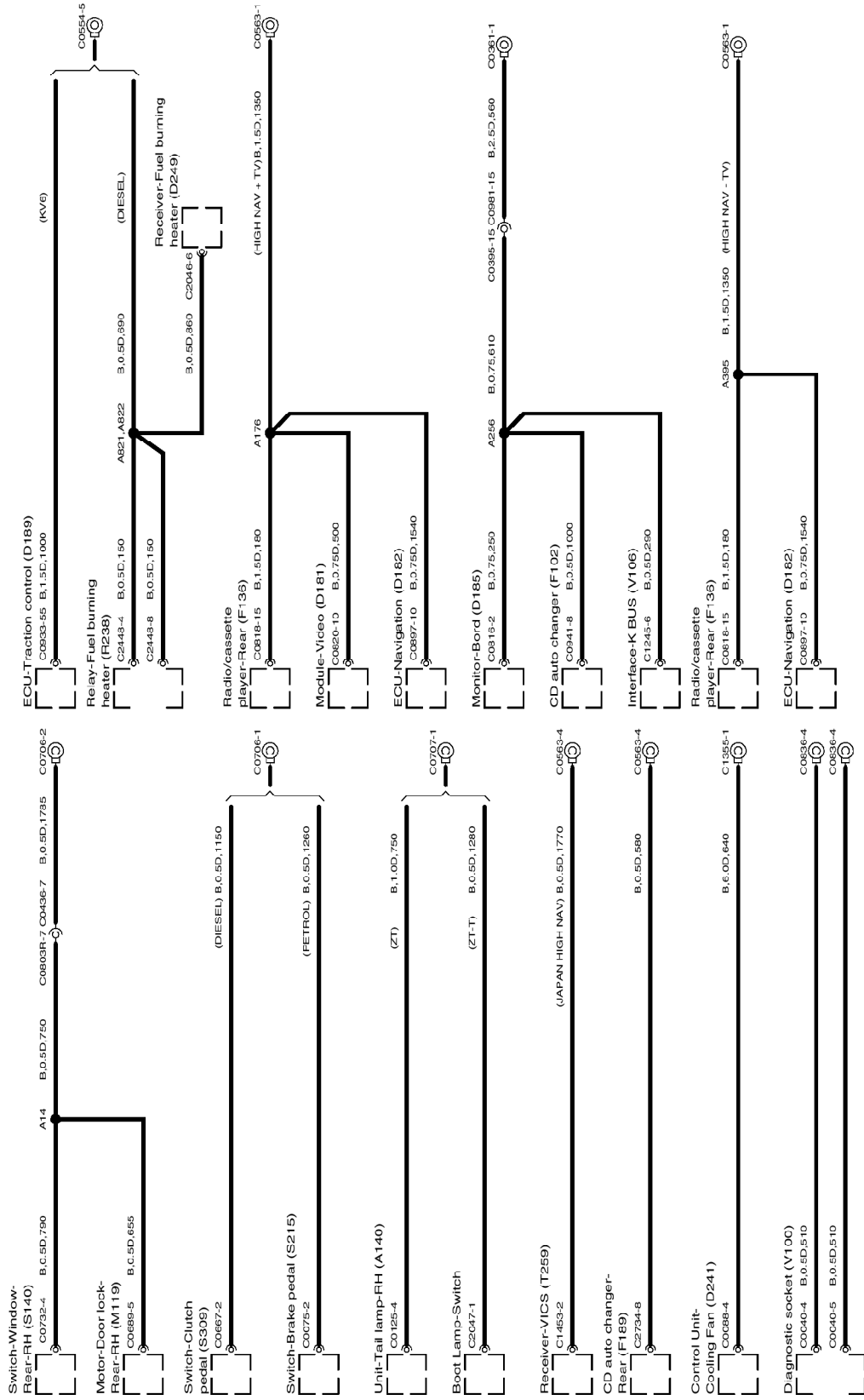
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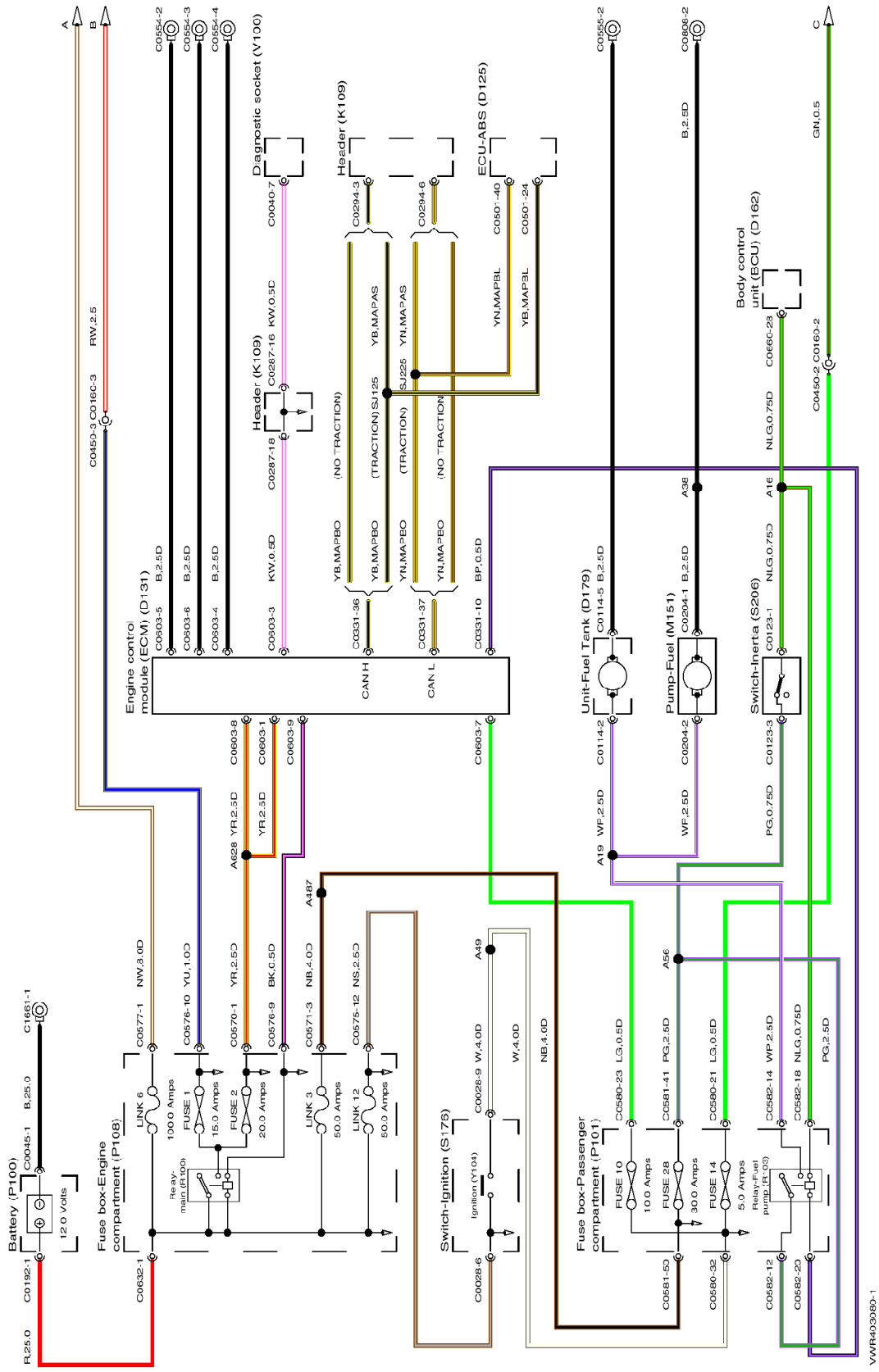
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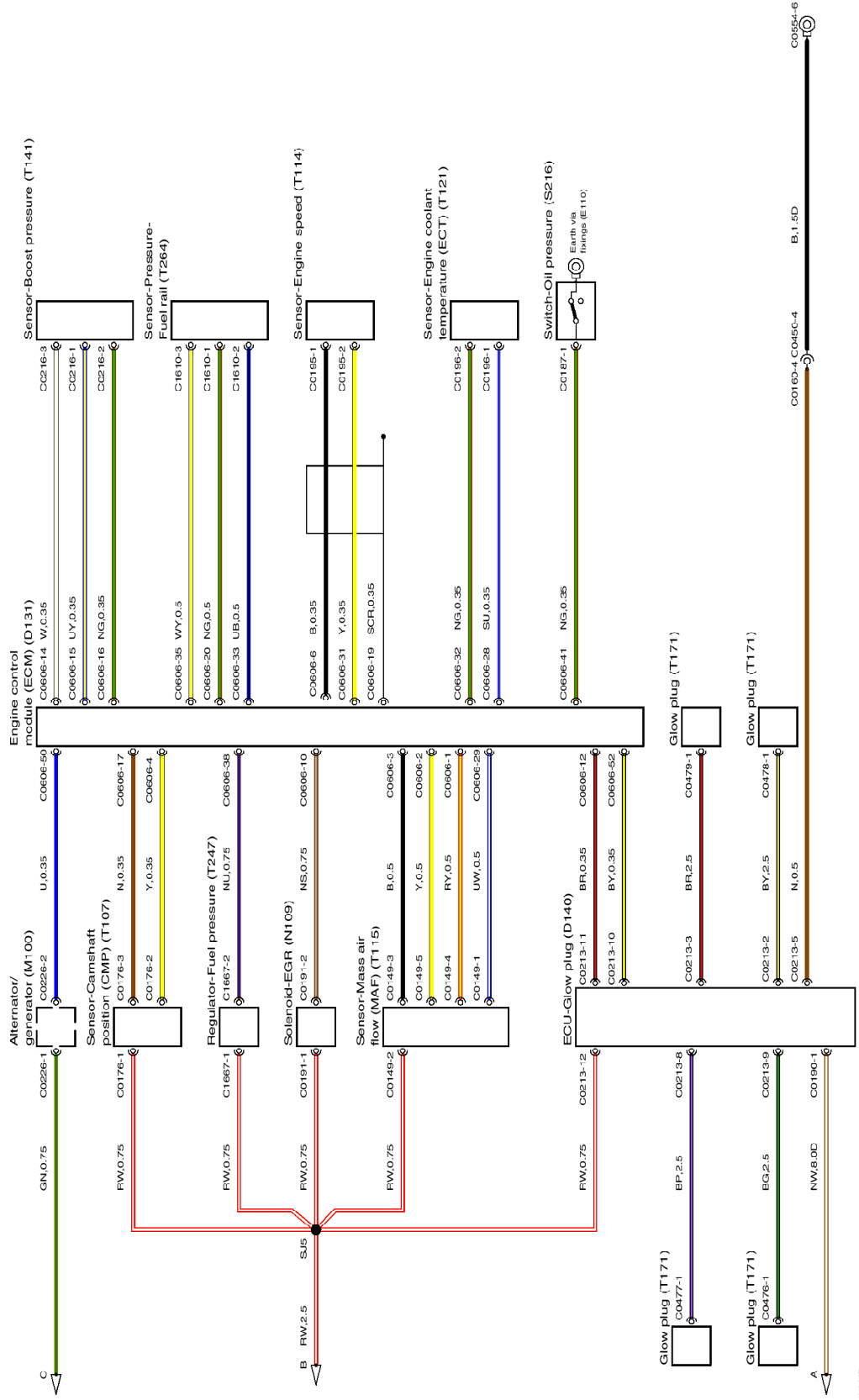
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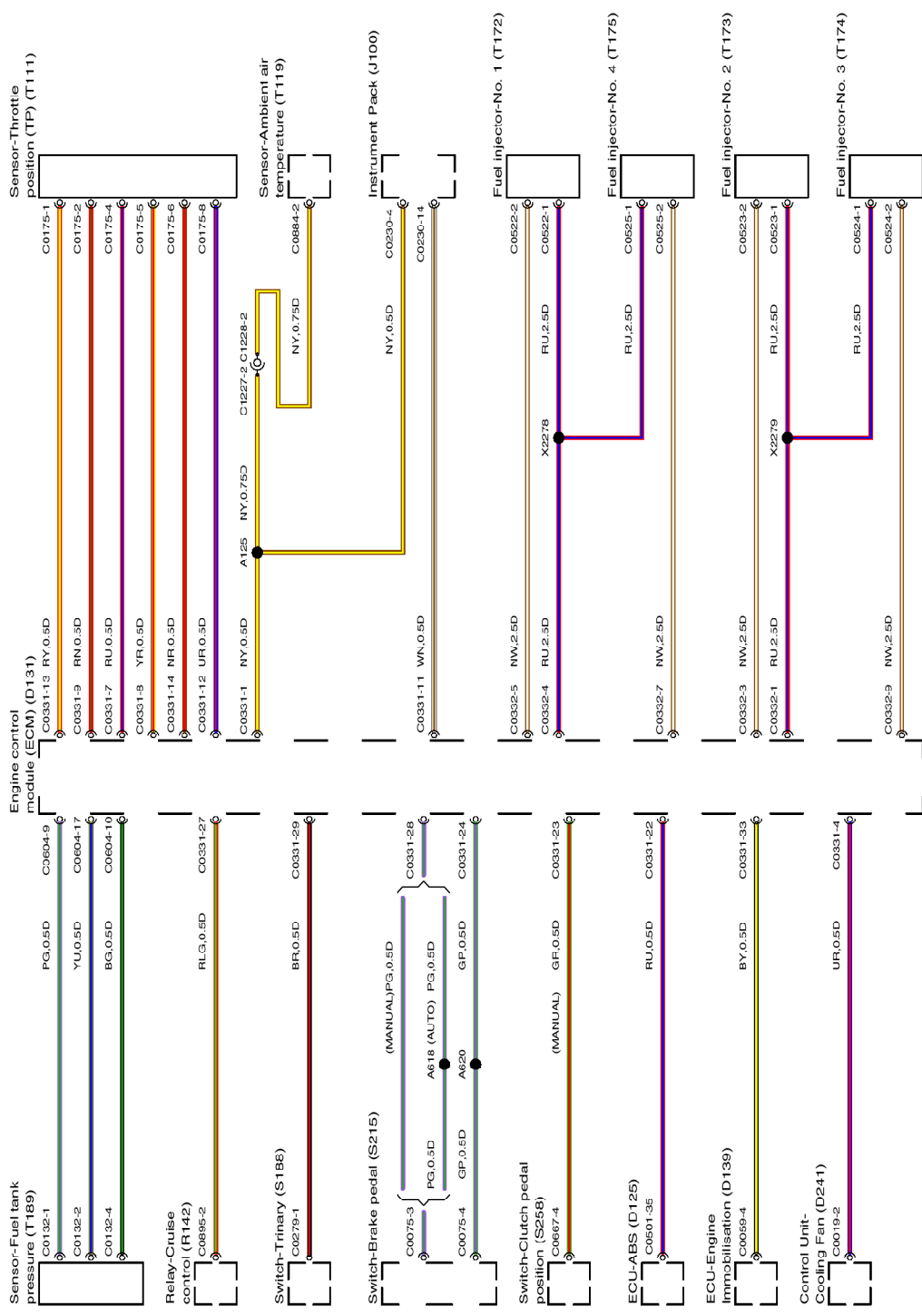
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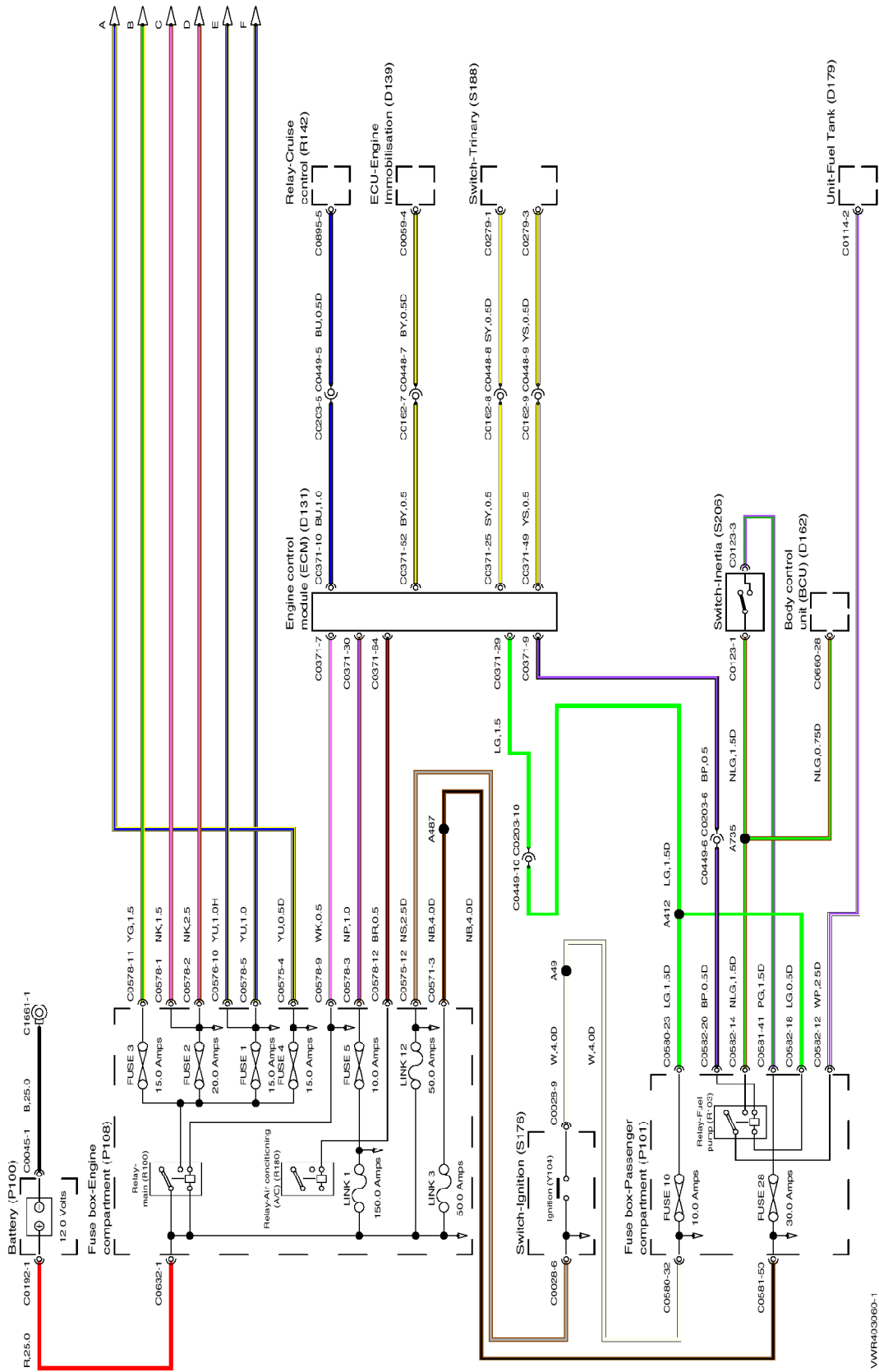
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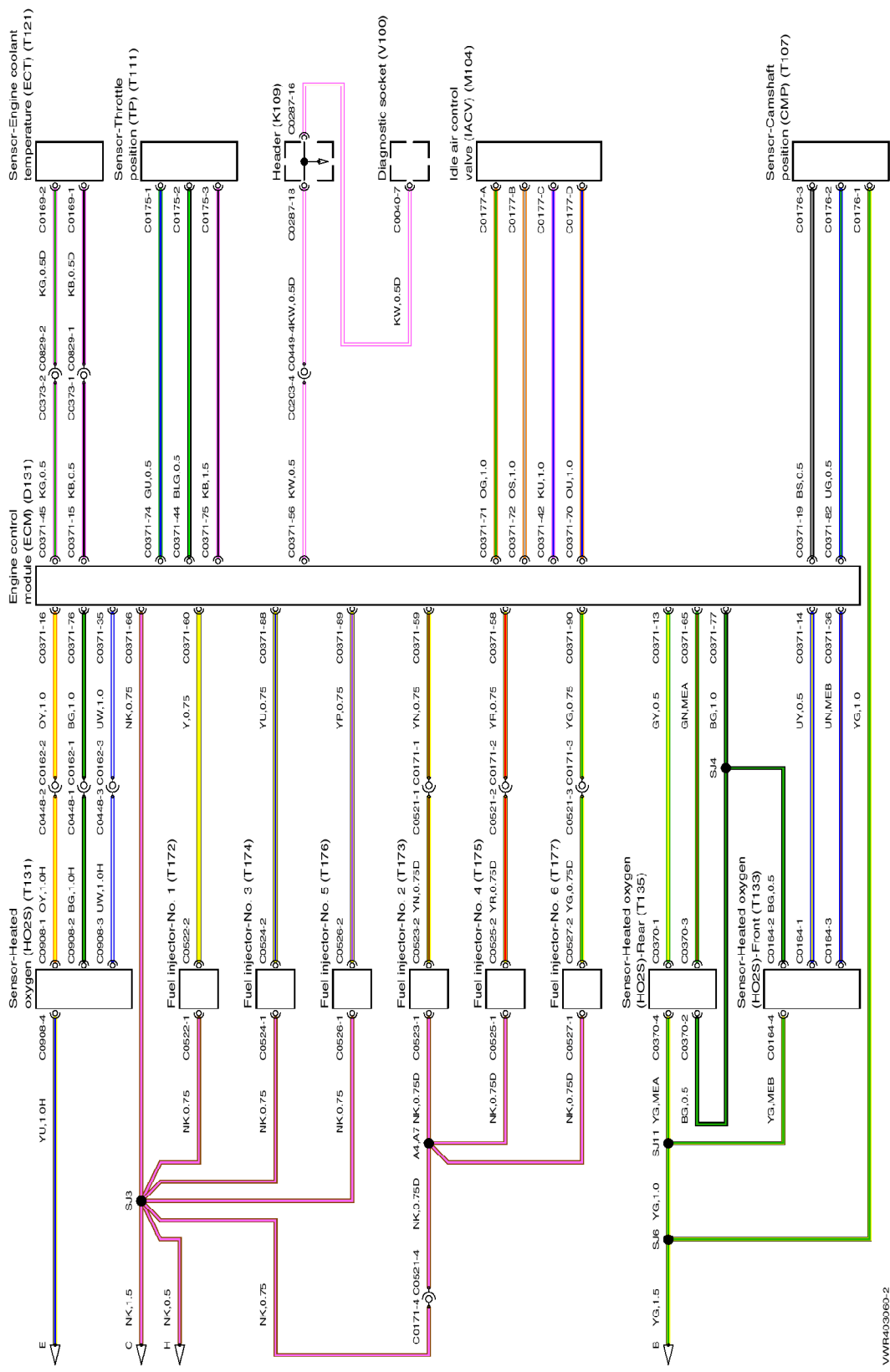
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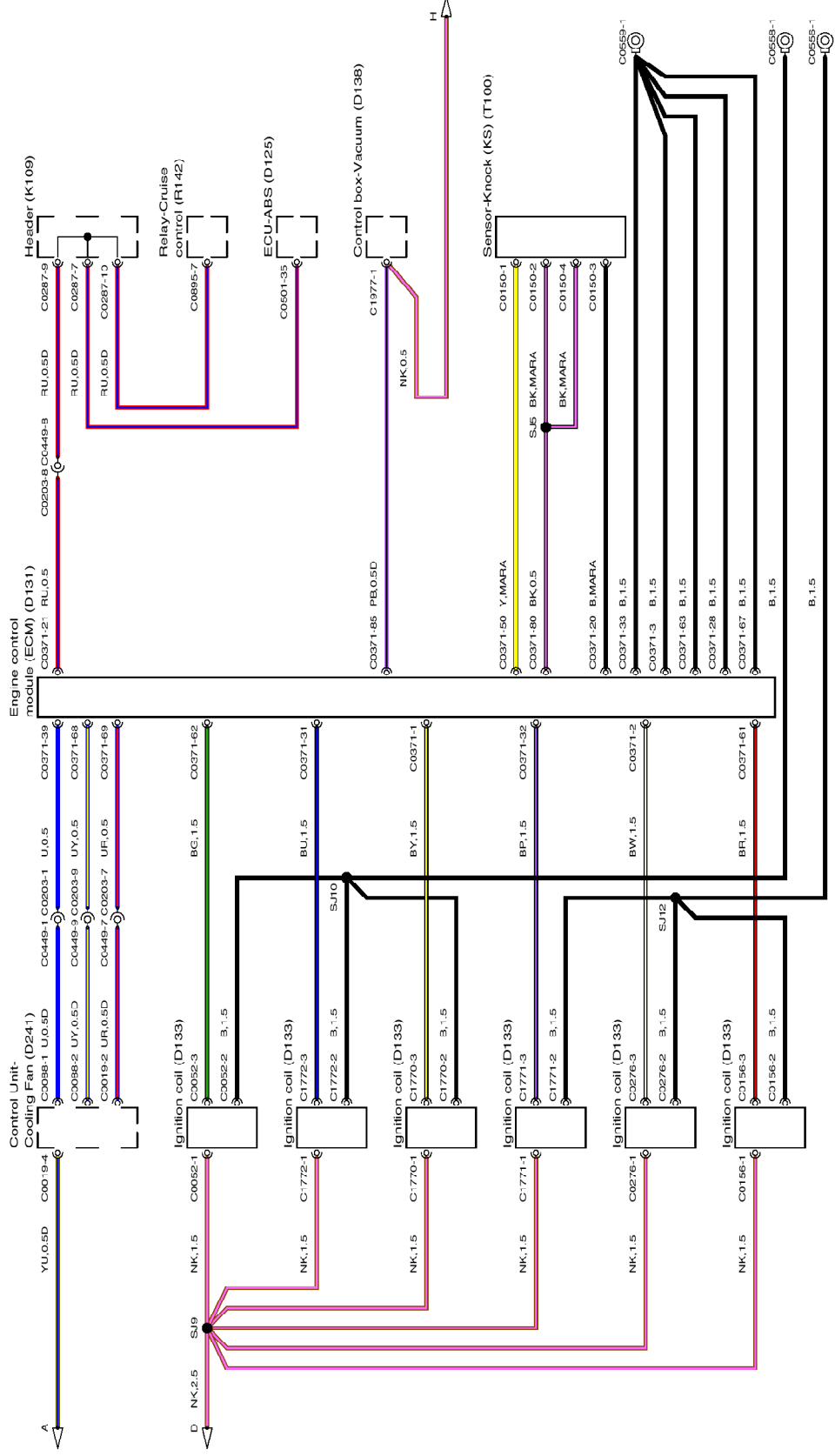
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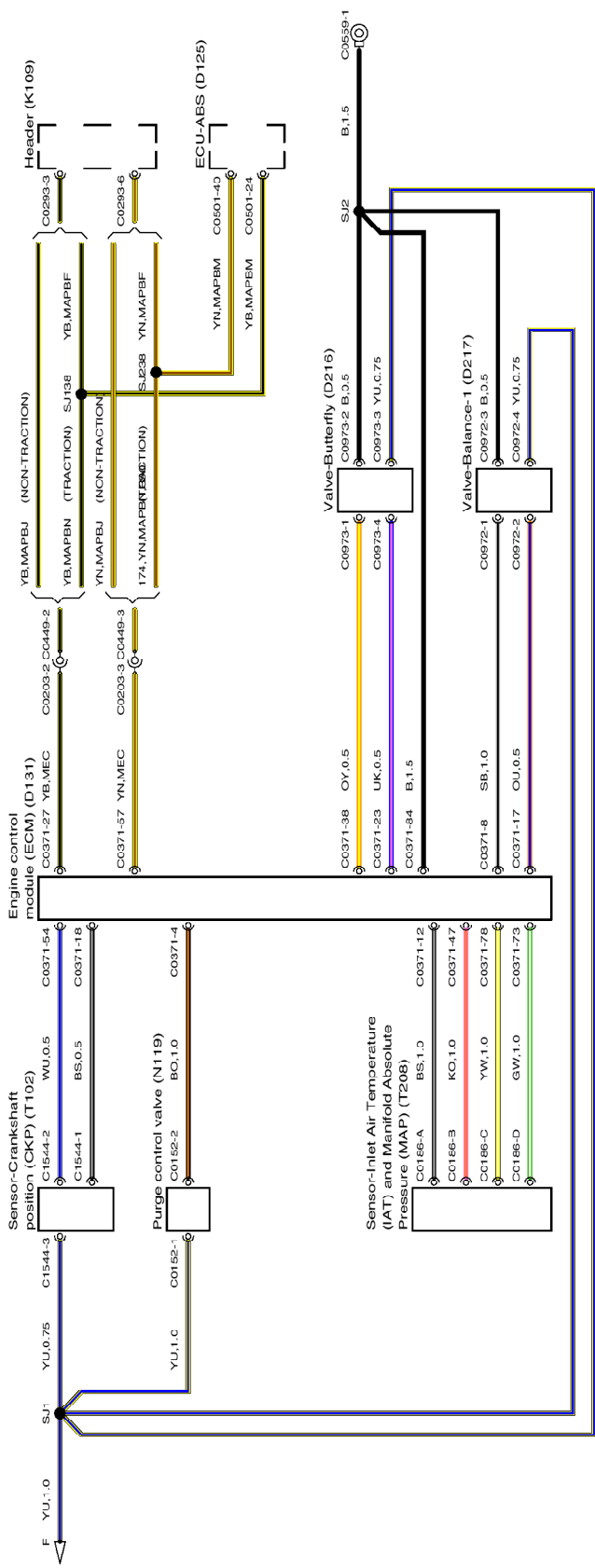
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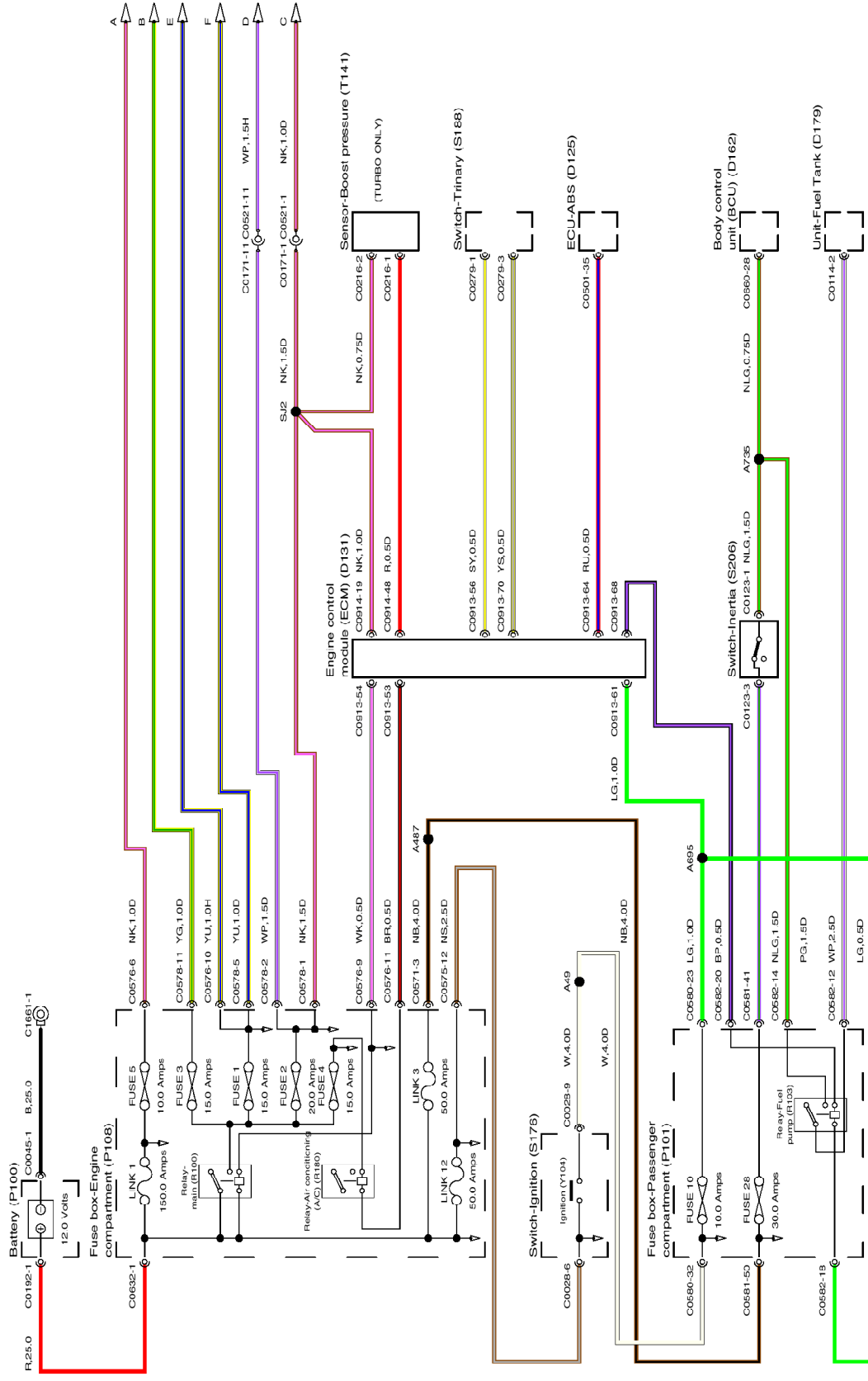
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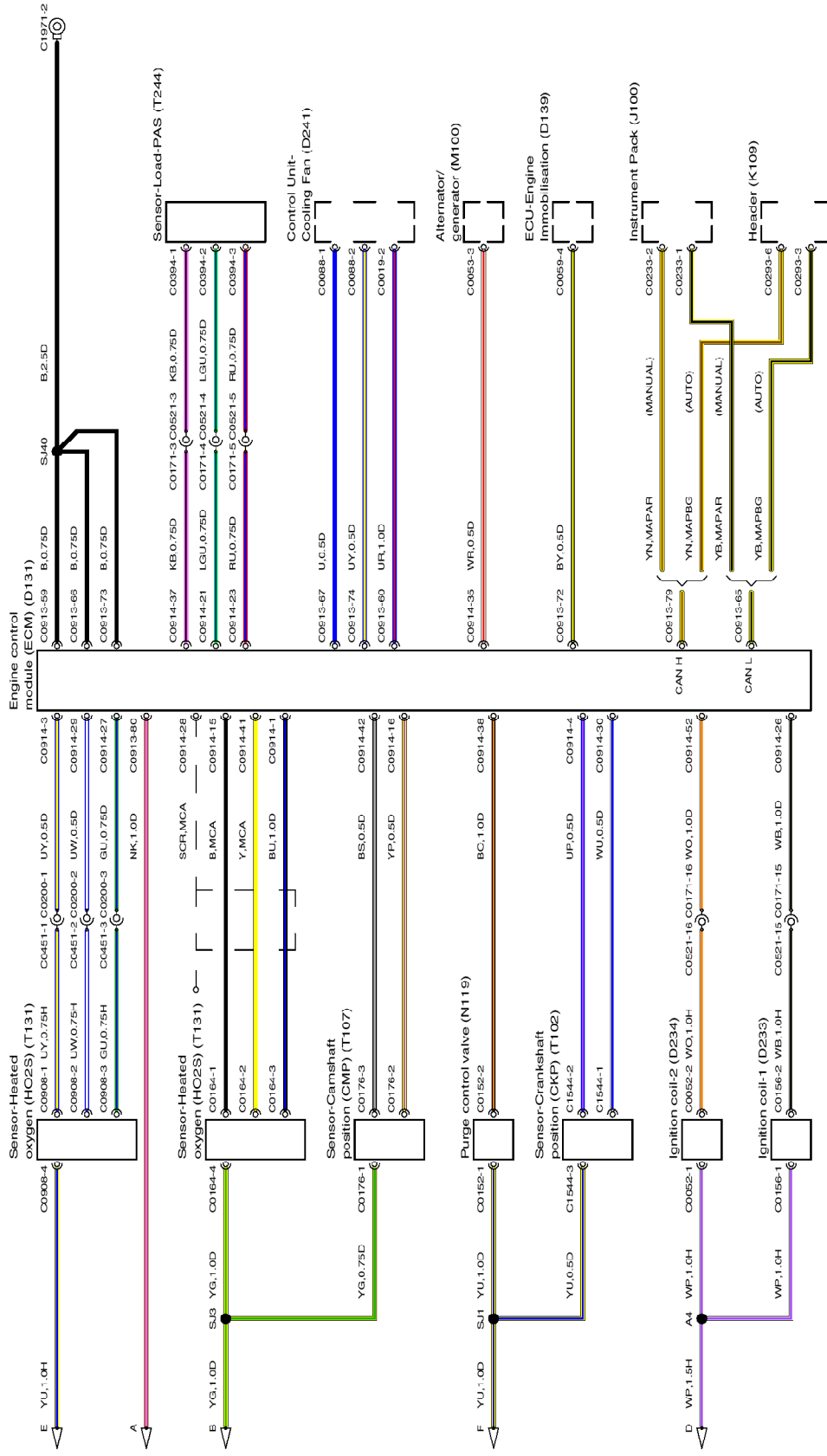
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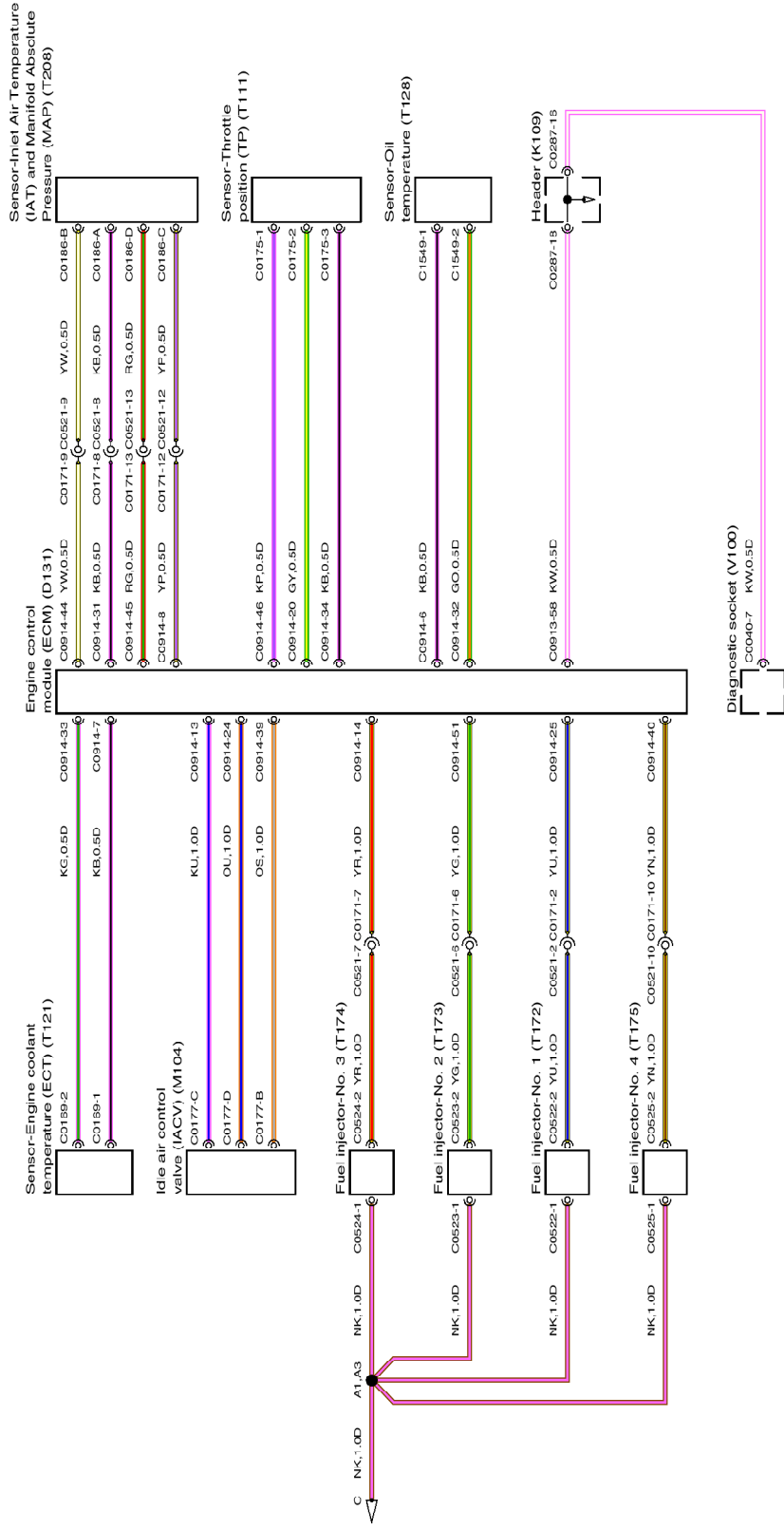
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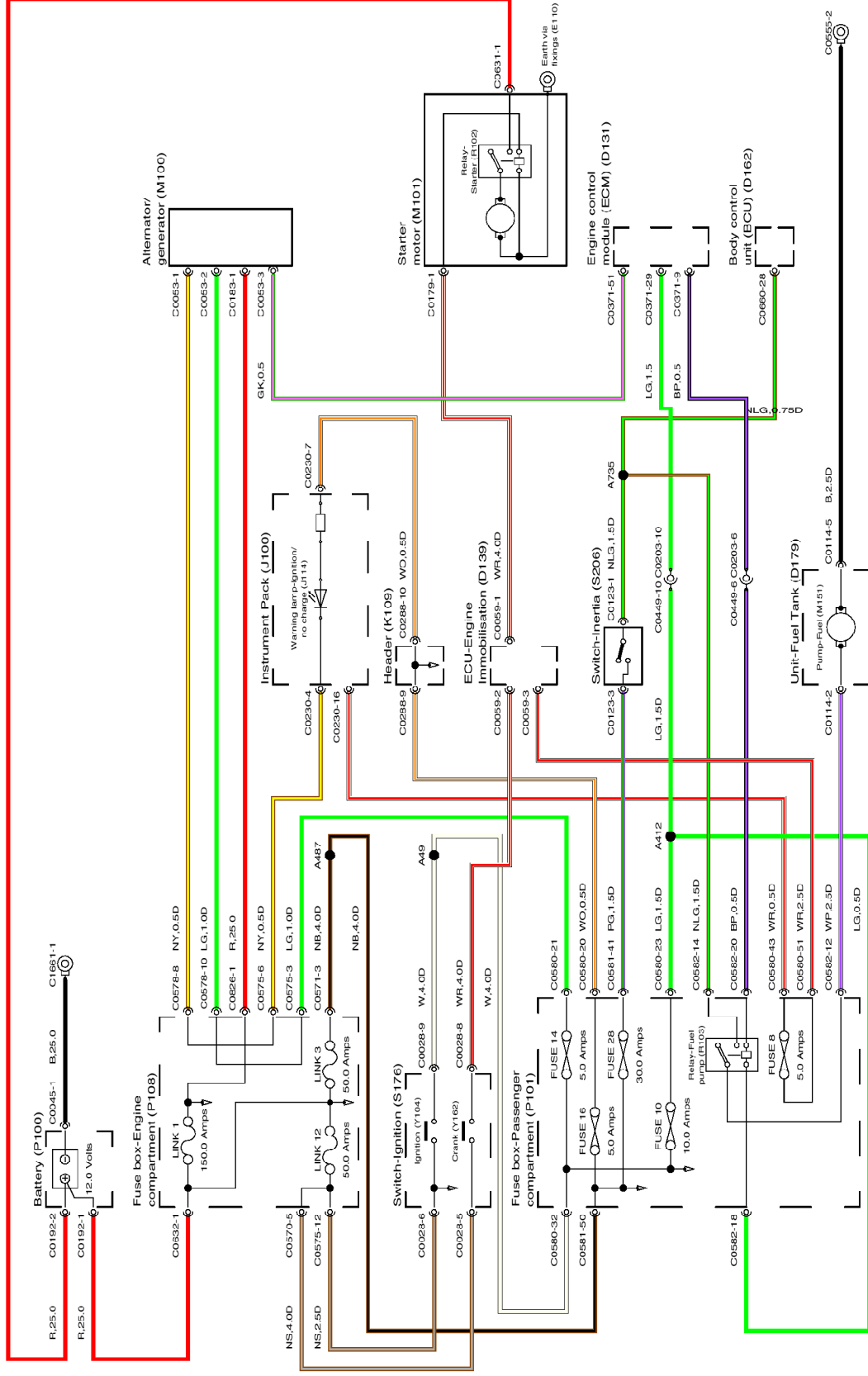
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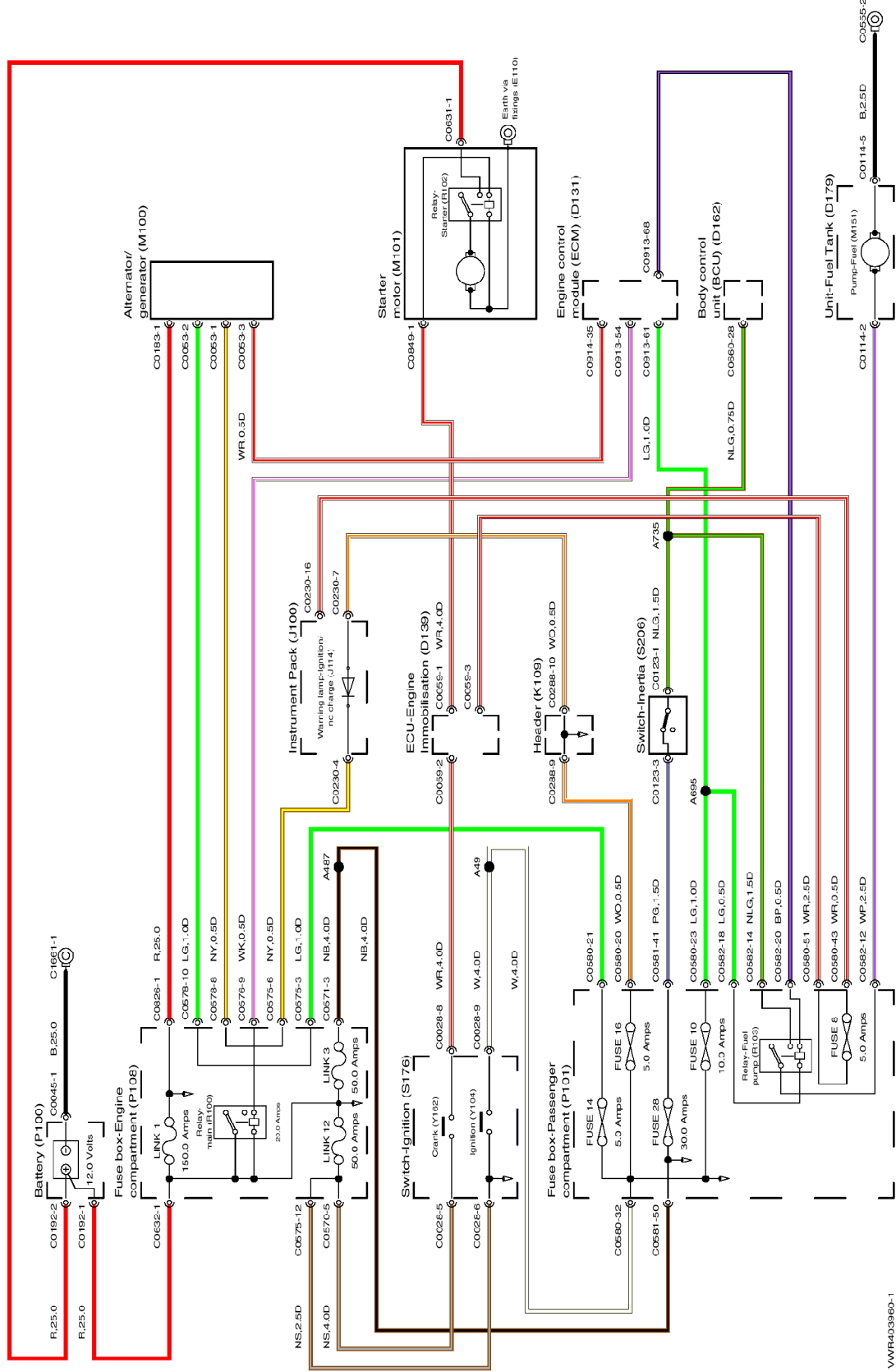
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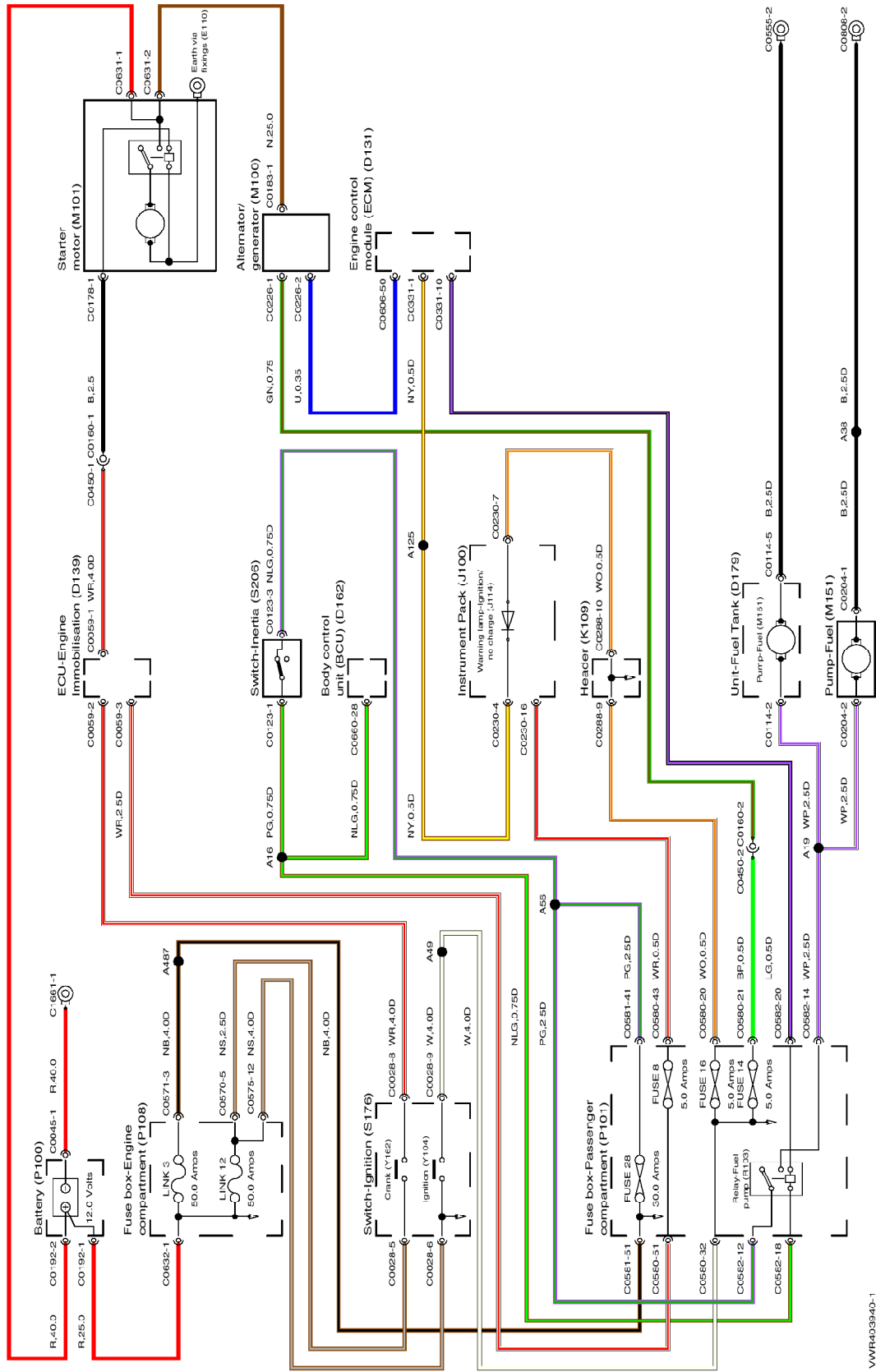
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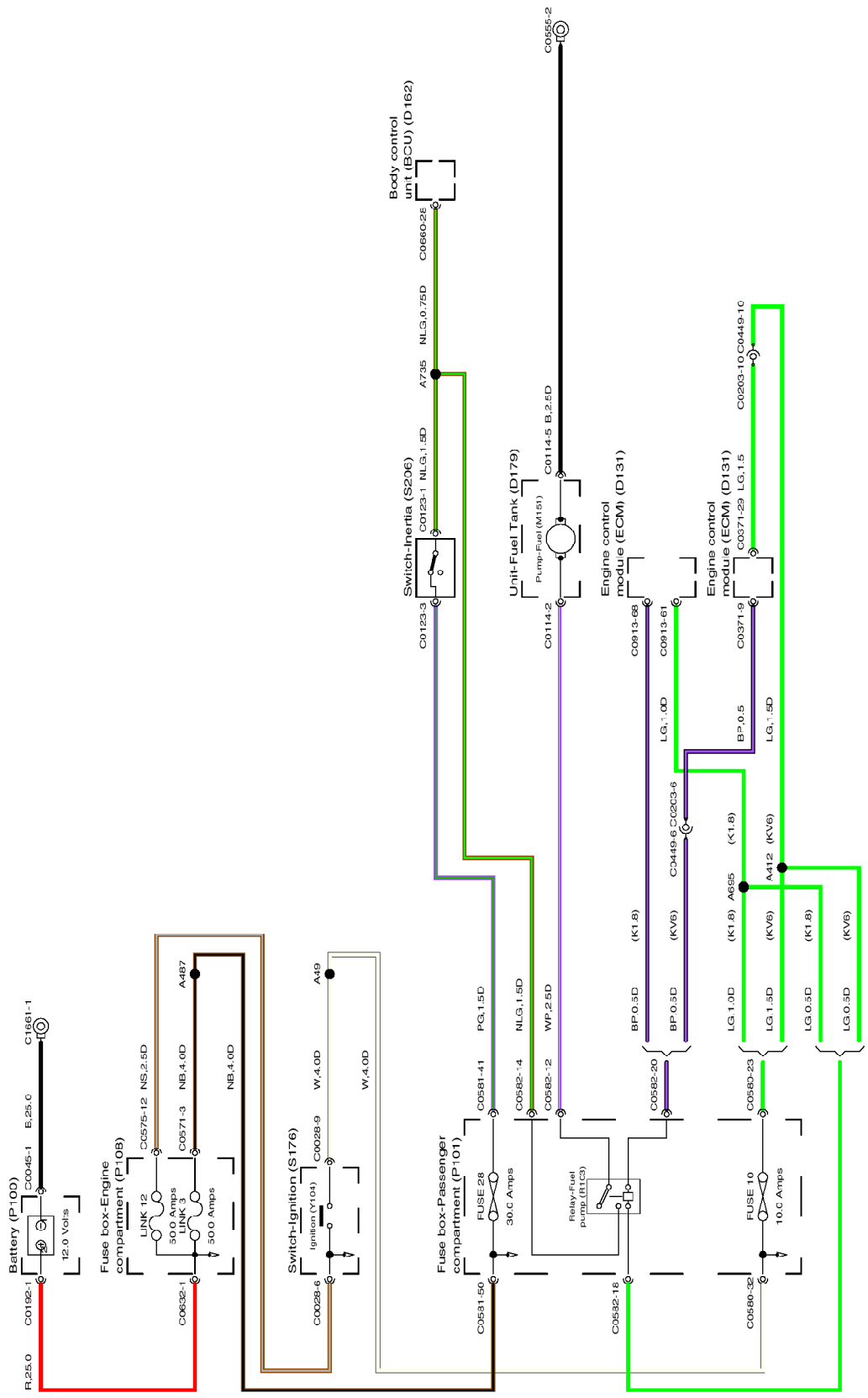


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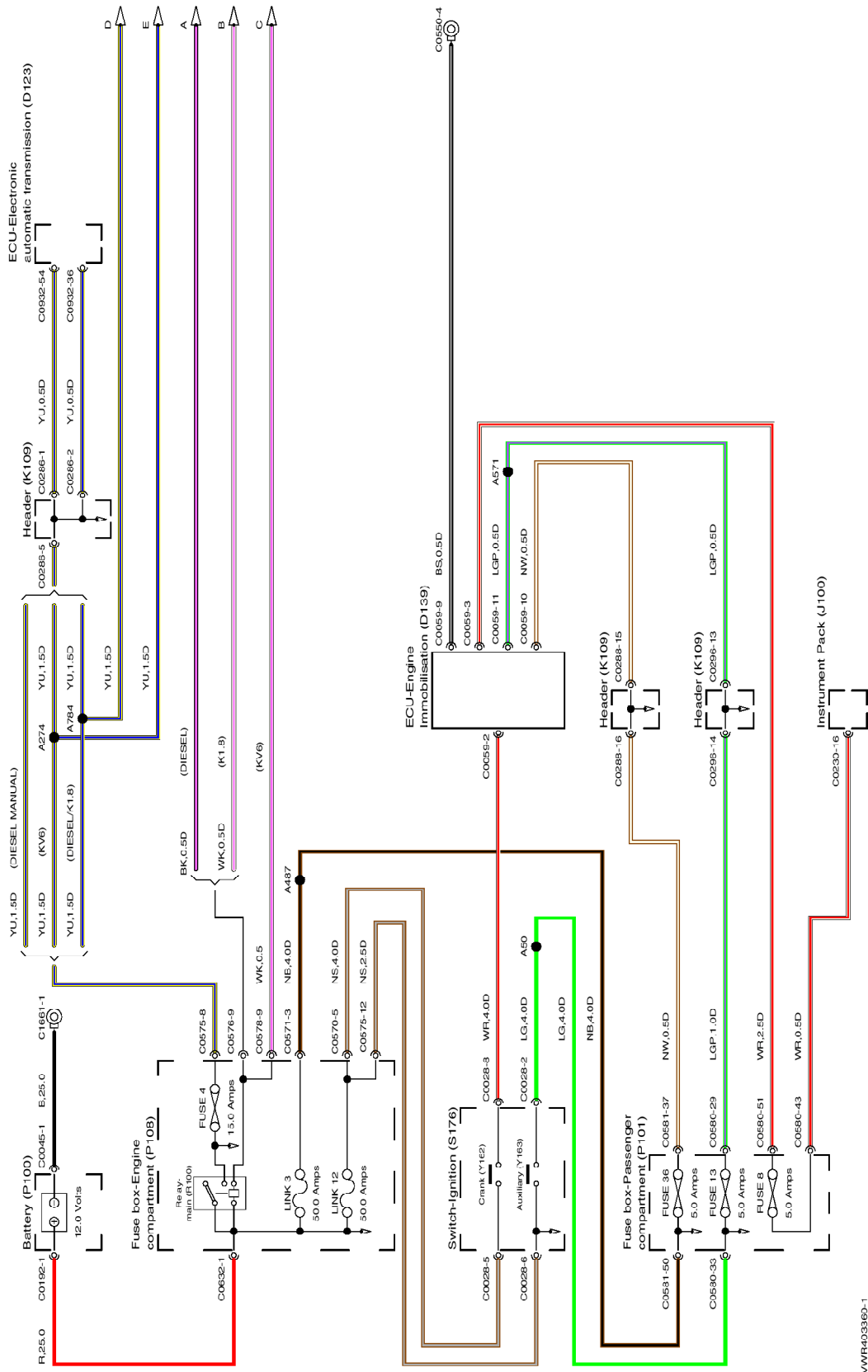


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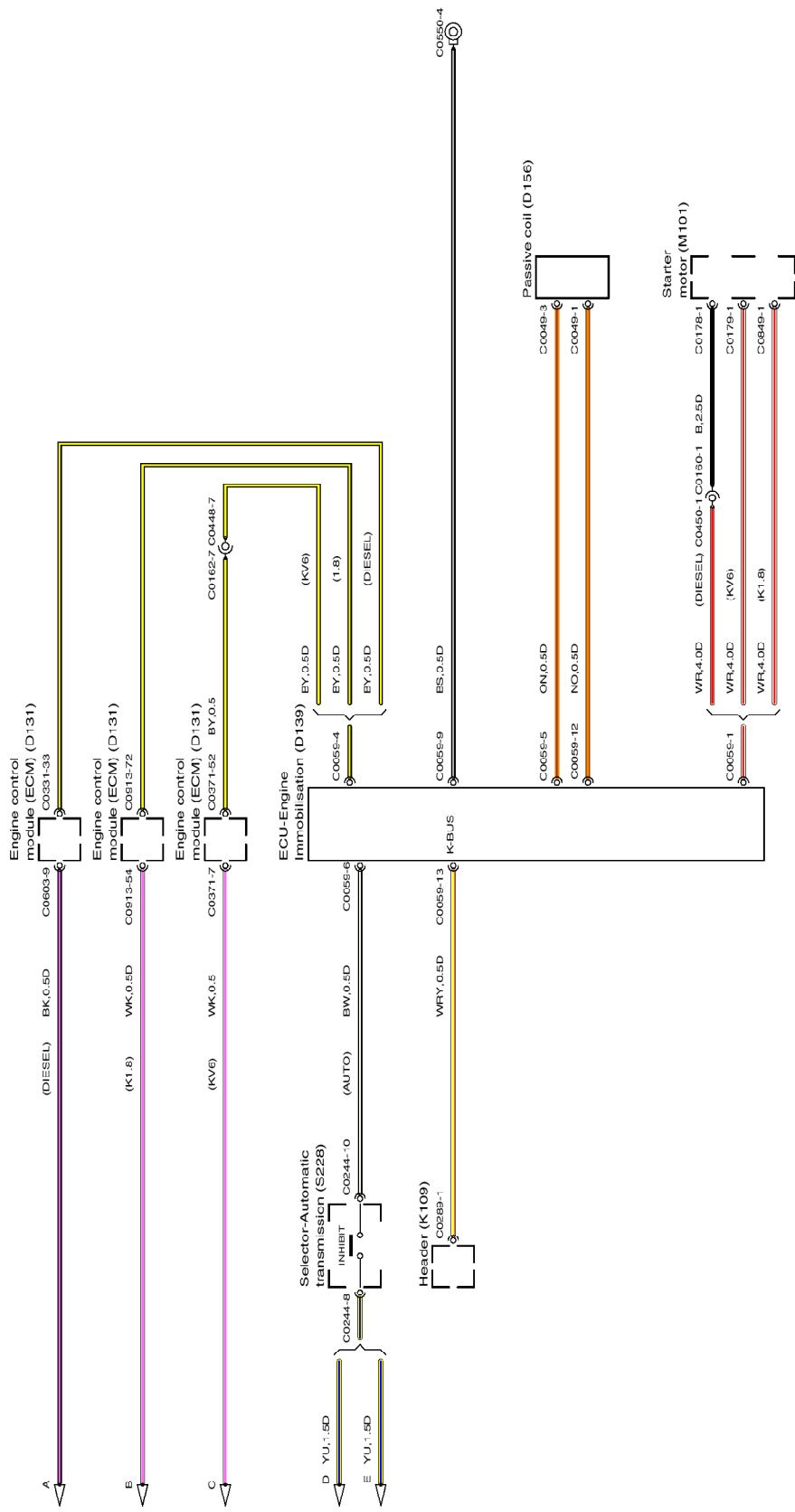
20 FUEL PUMP



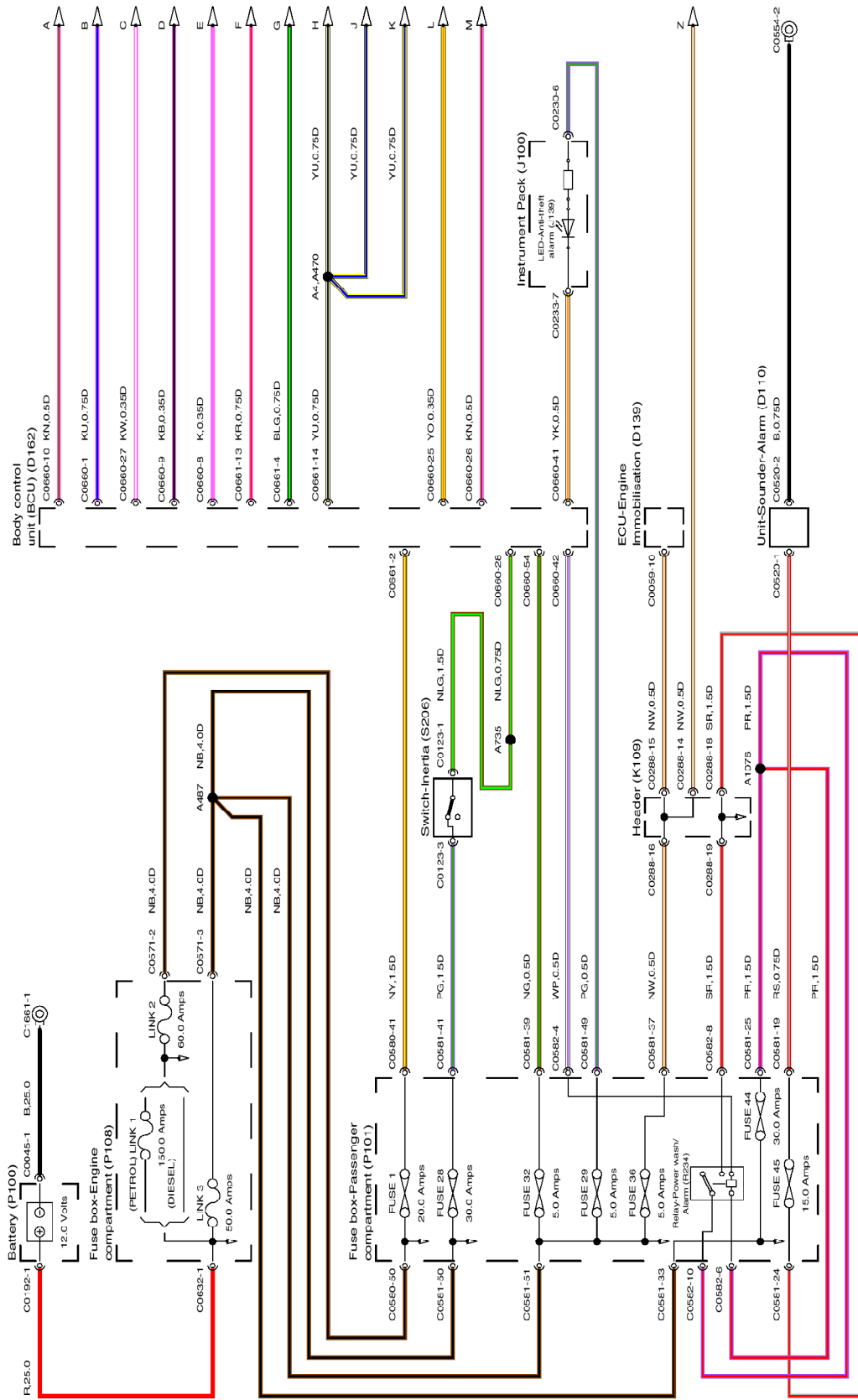
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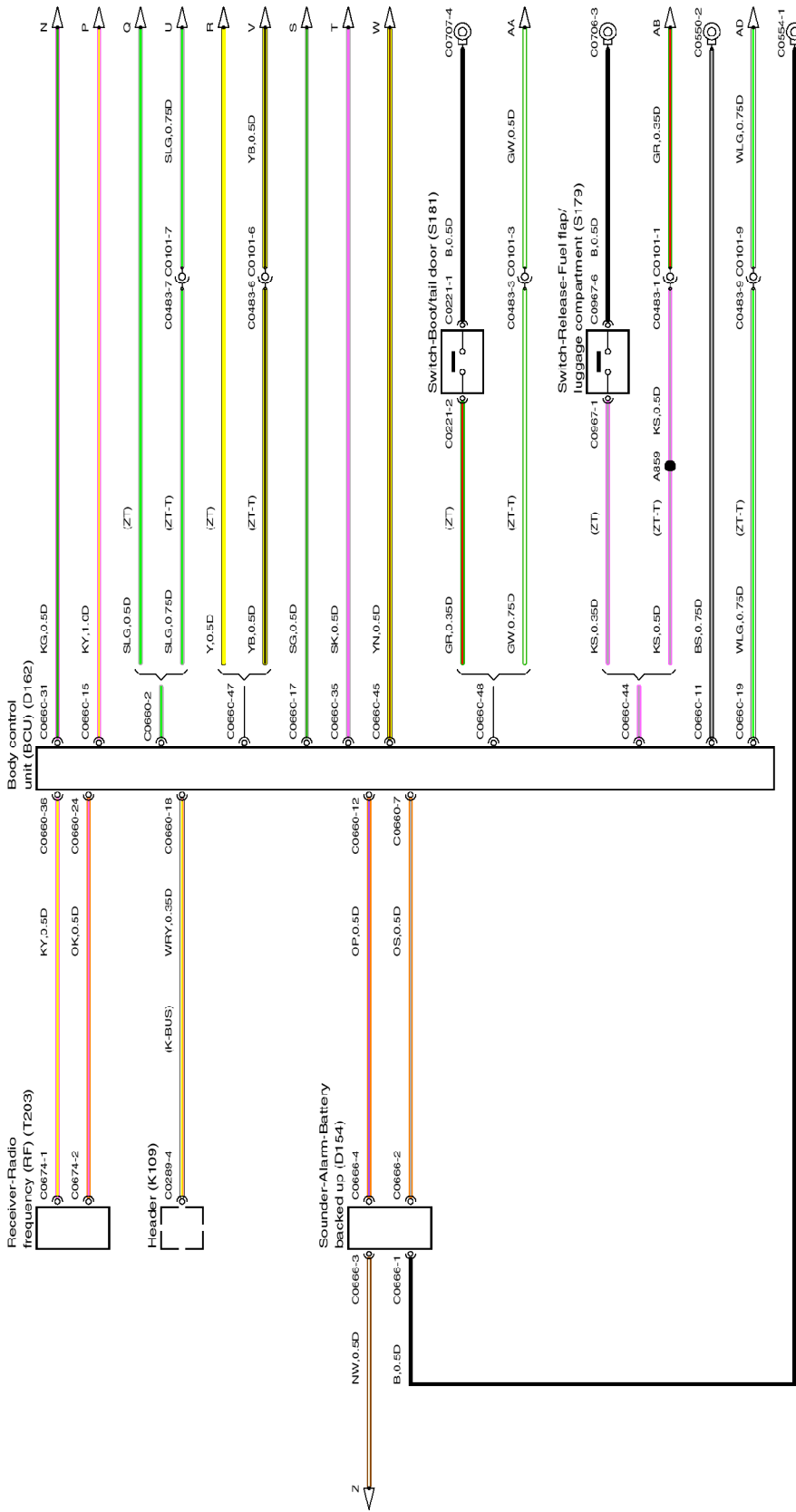
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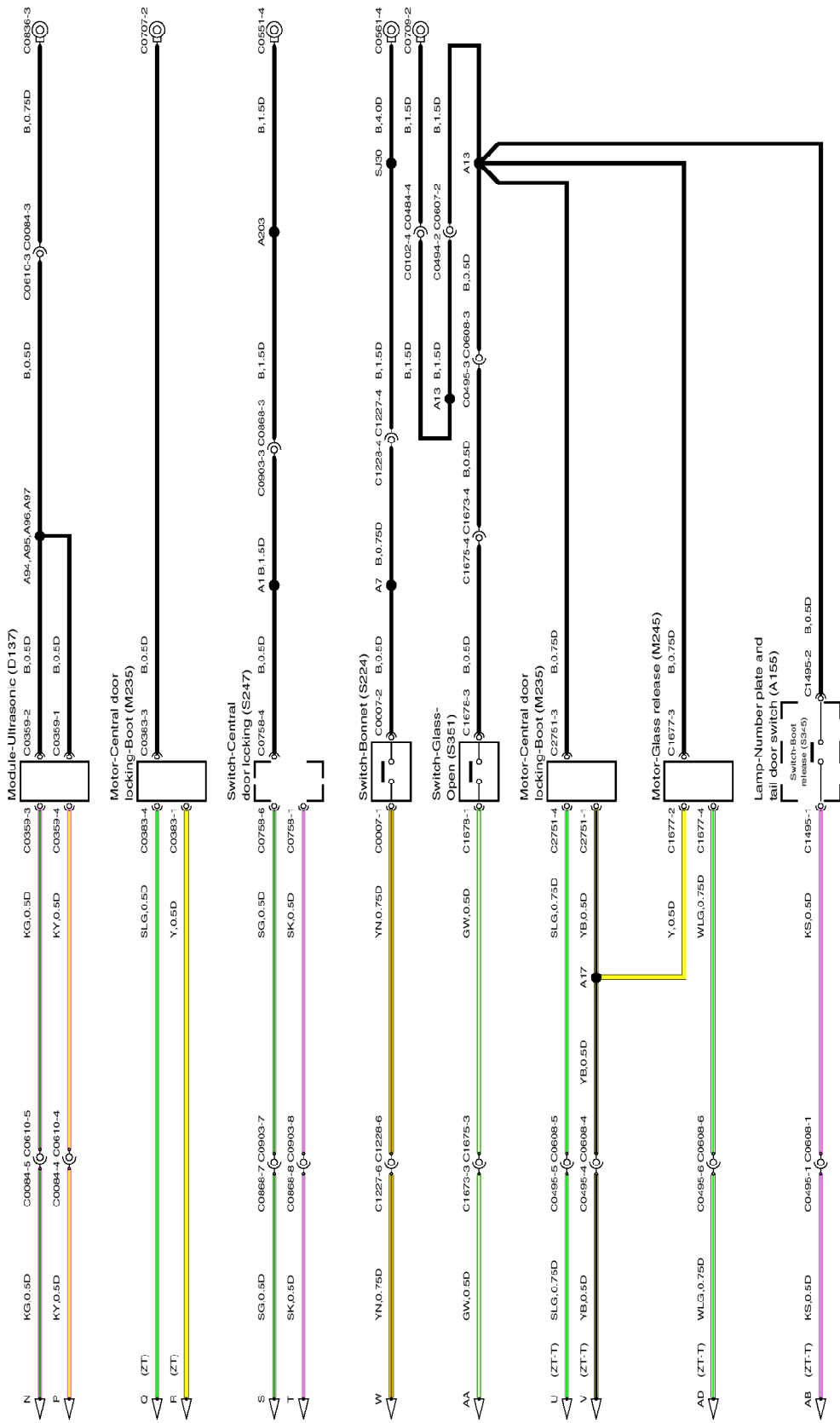
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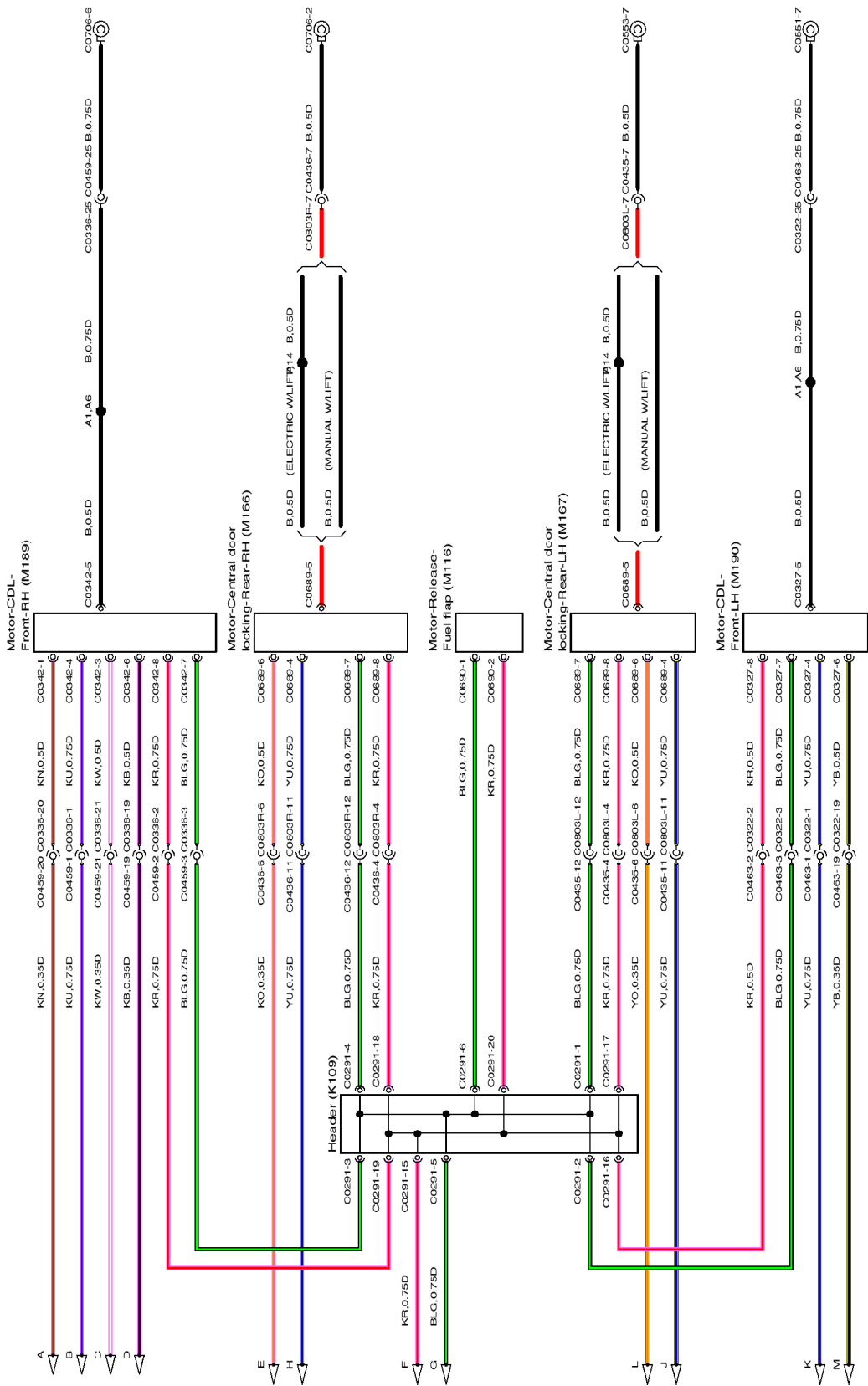
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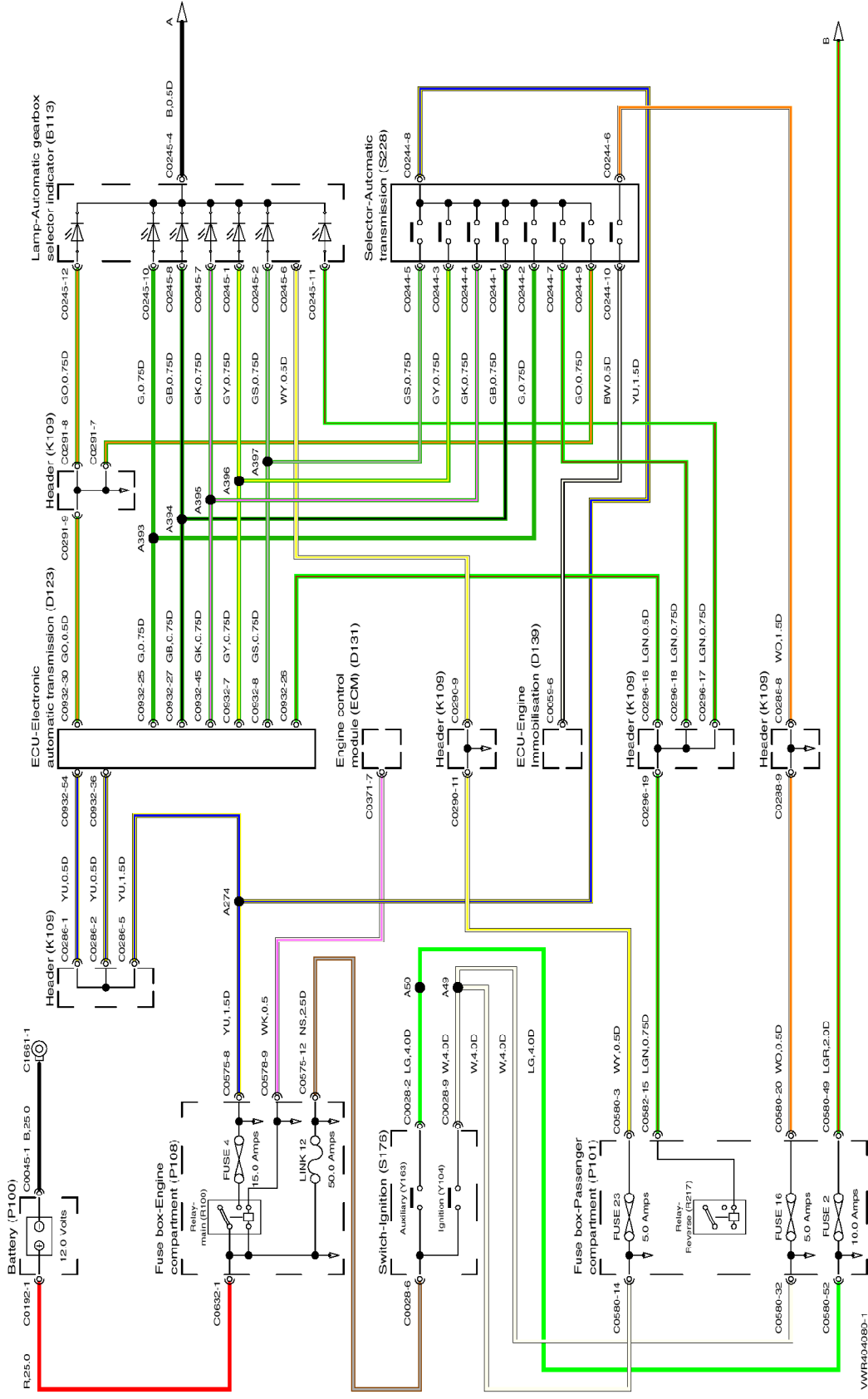
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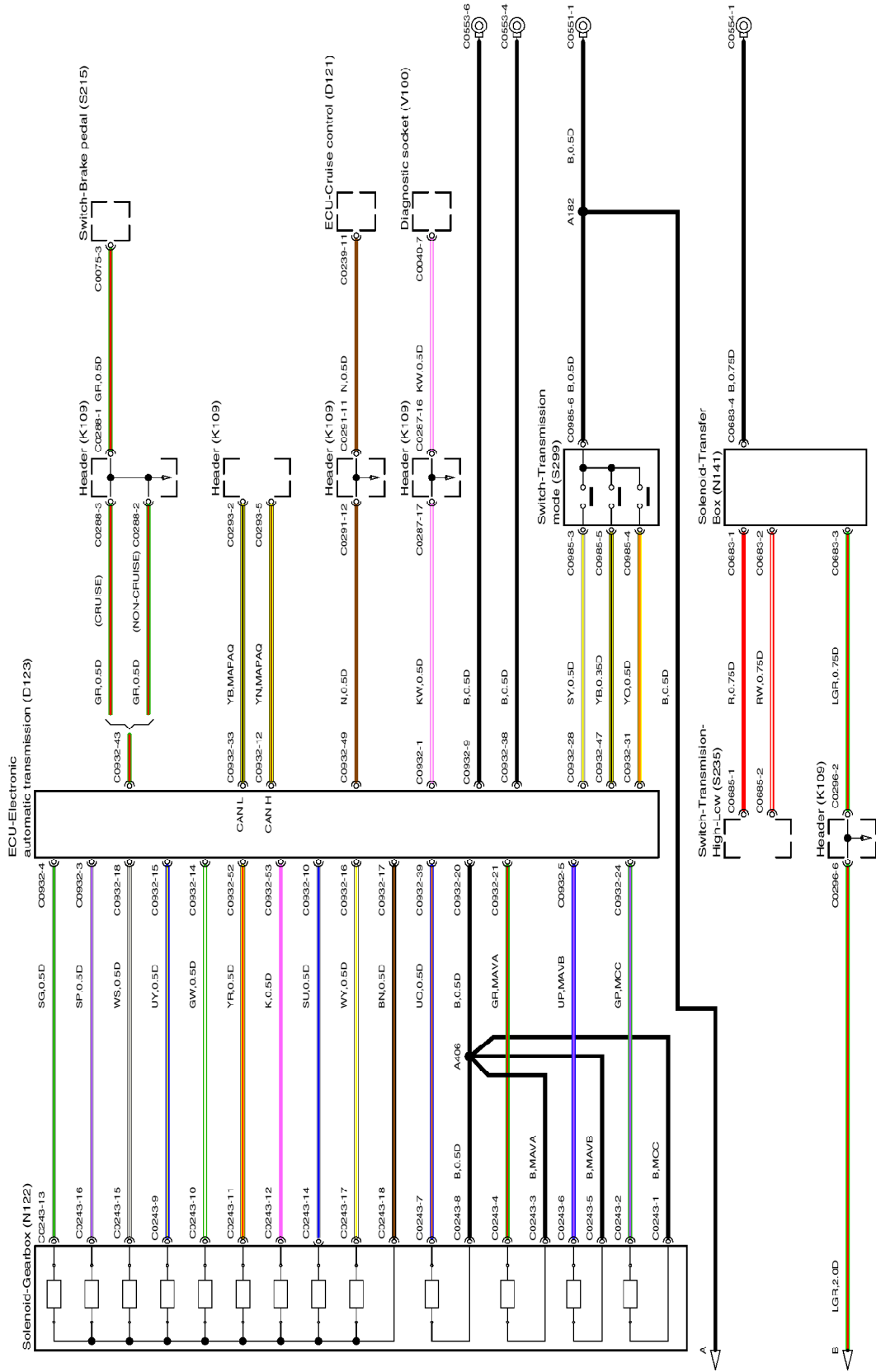


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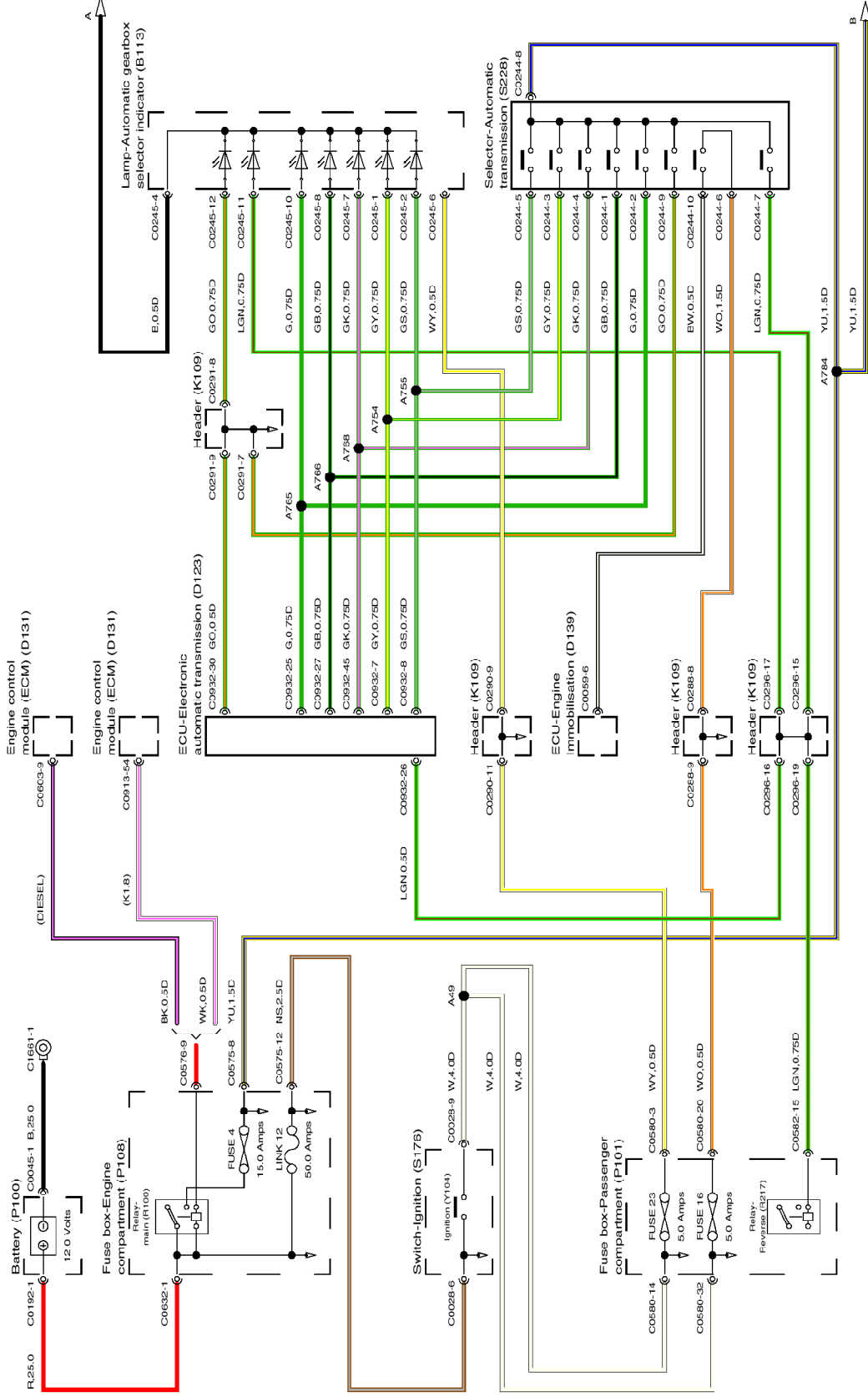


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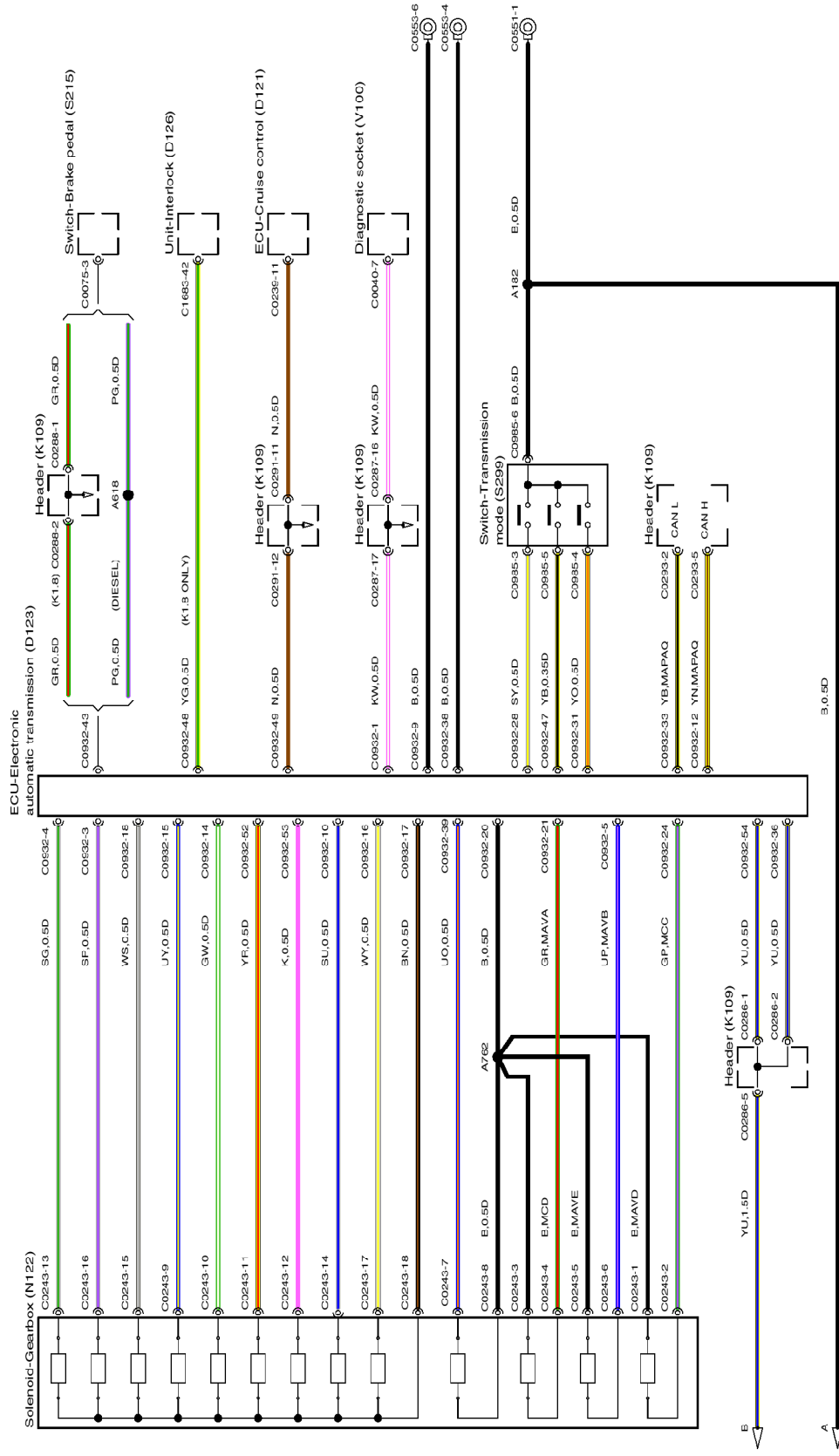




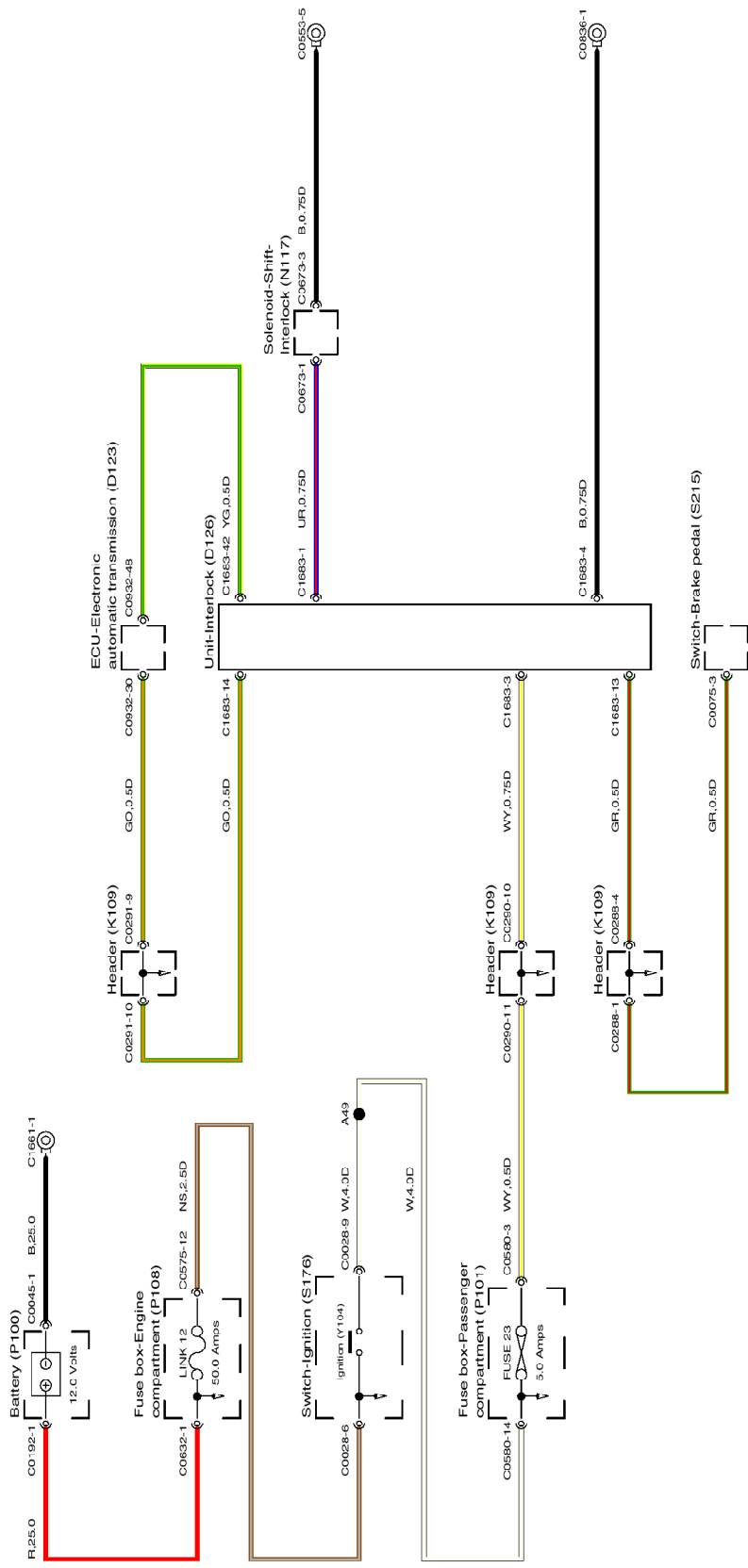
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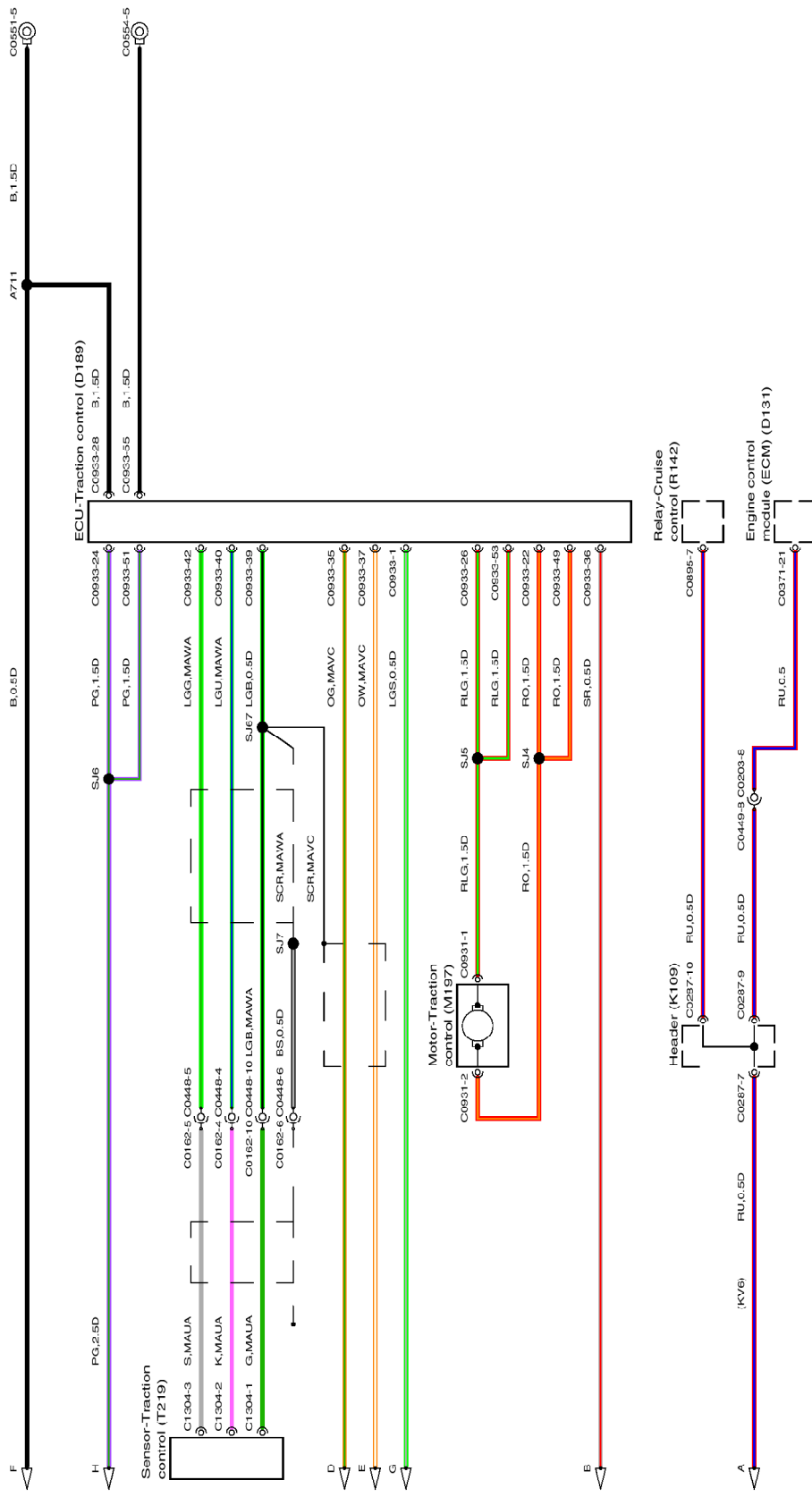
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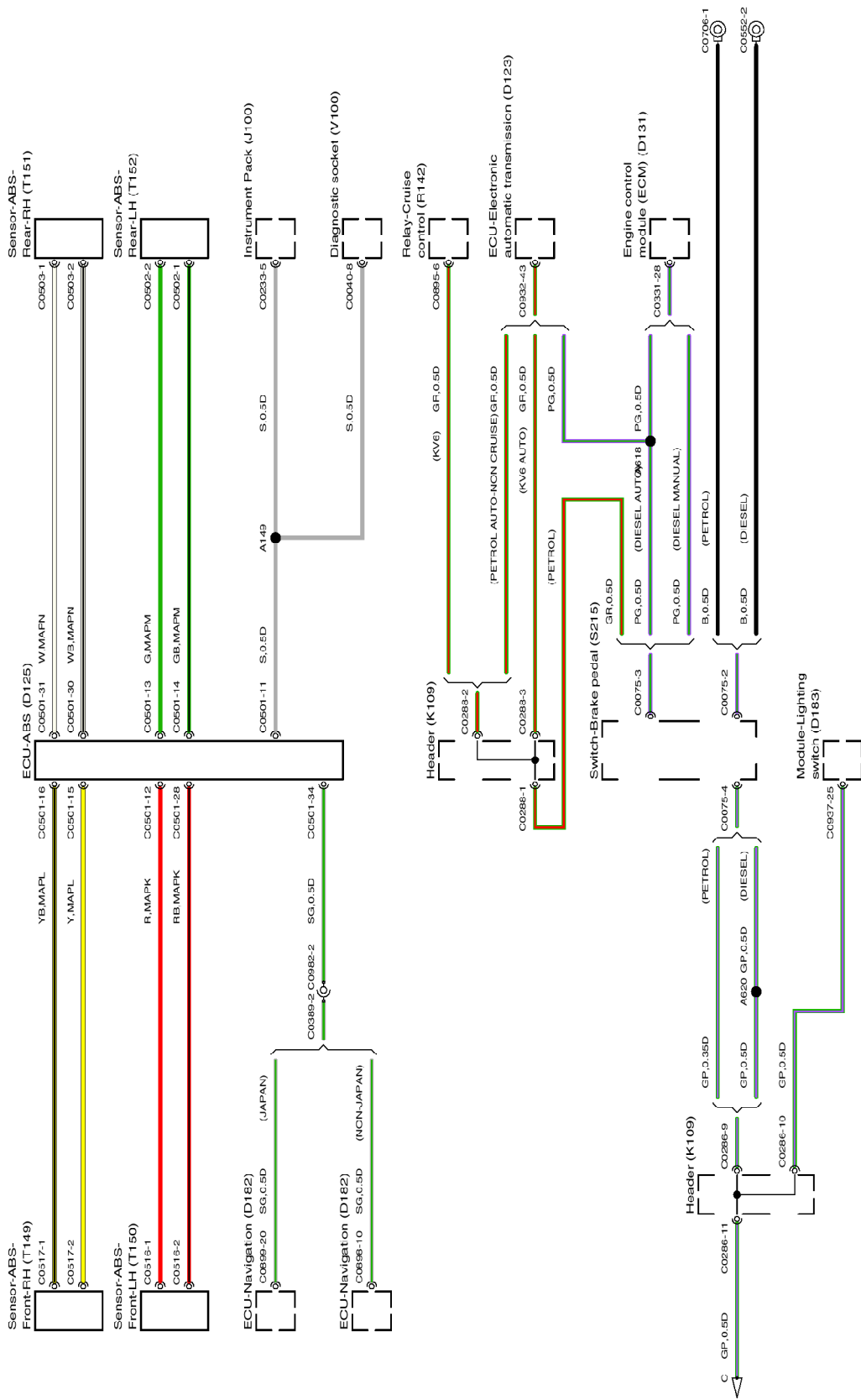
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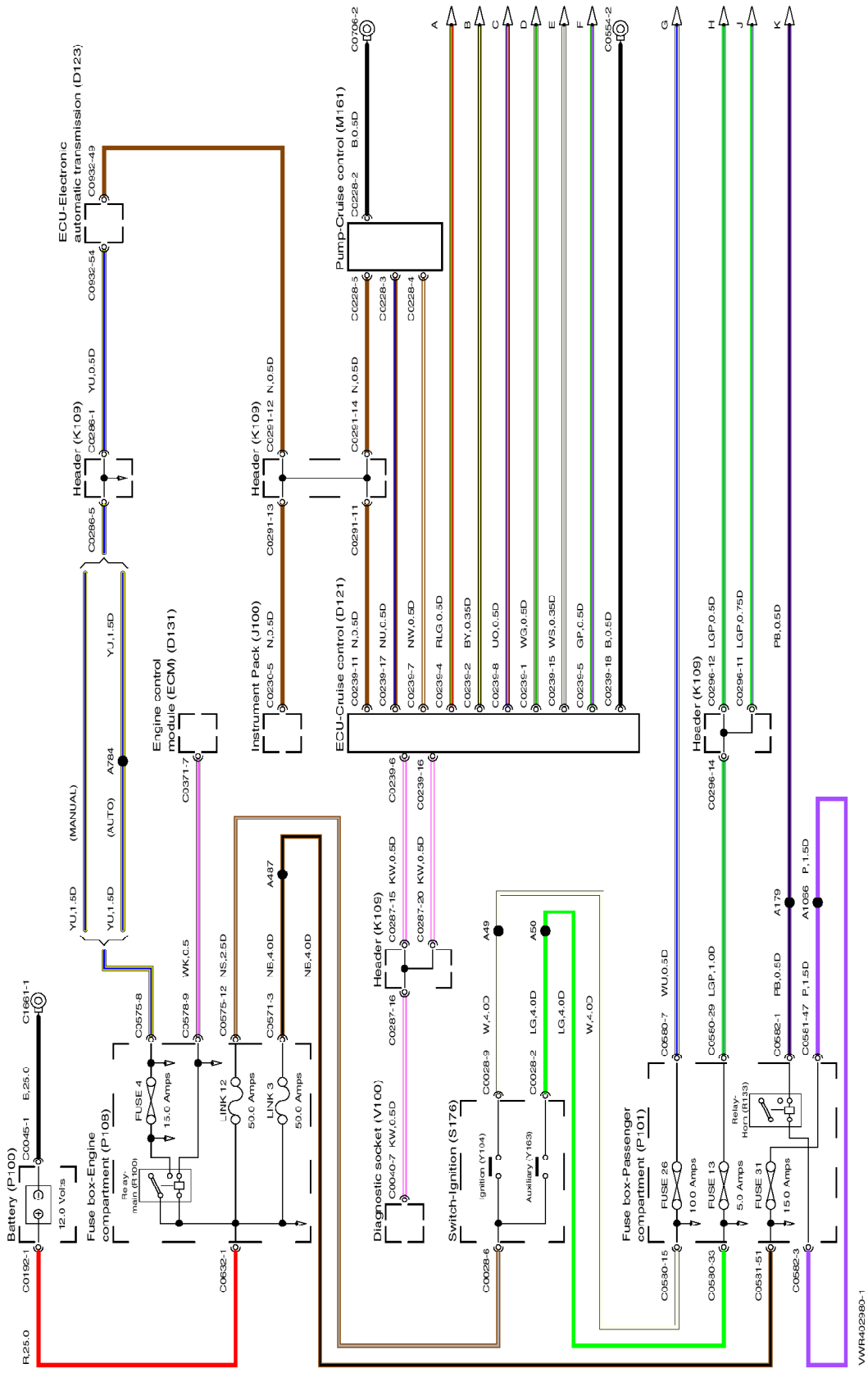
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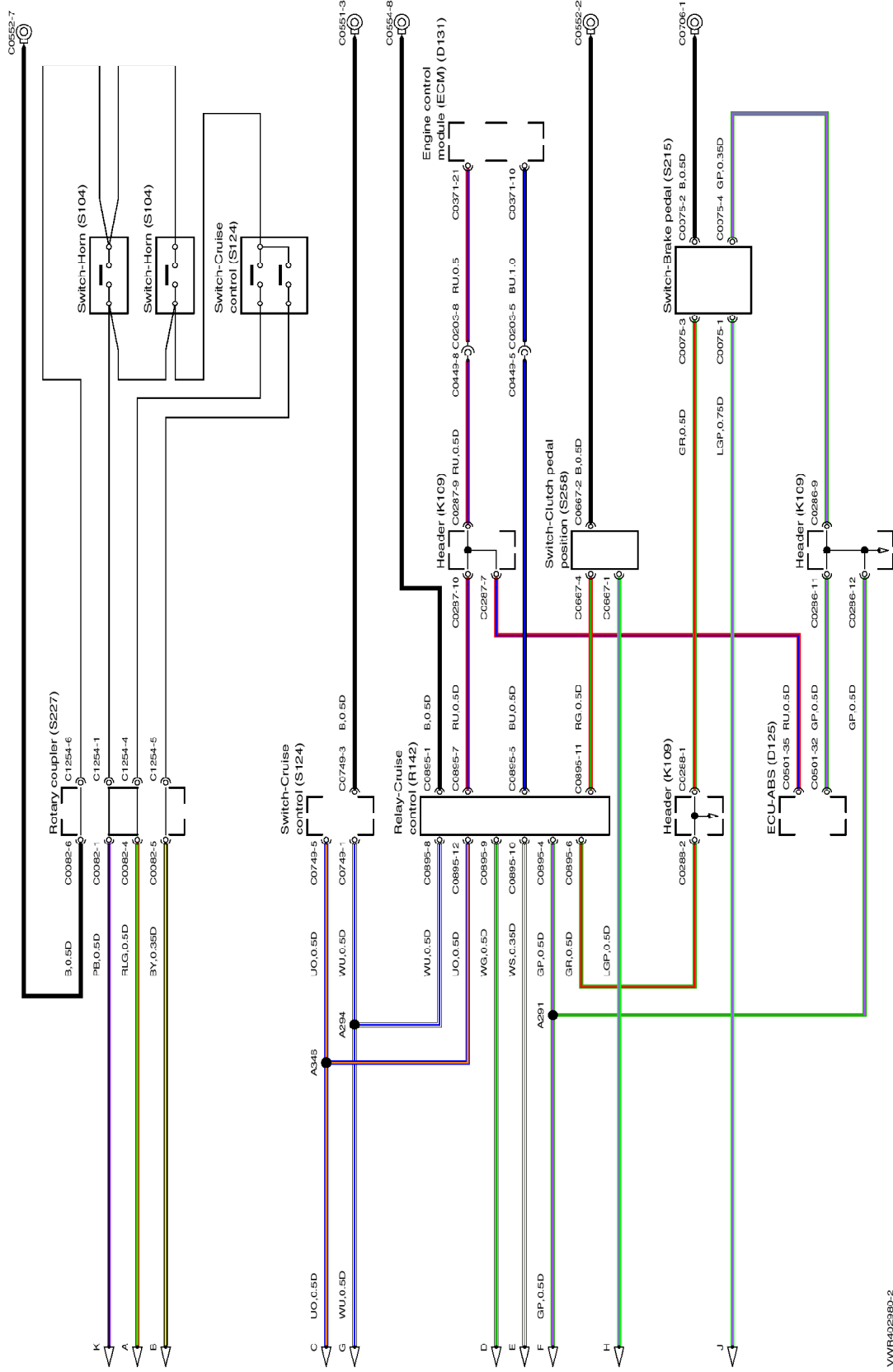
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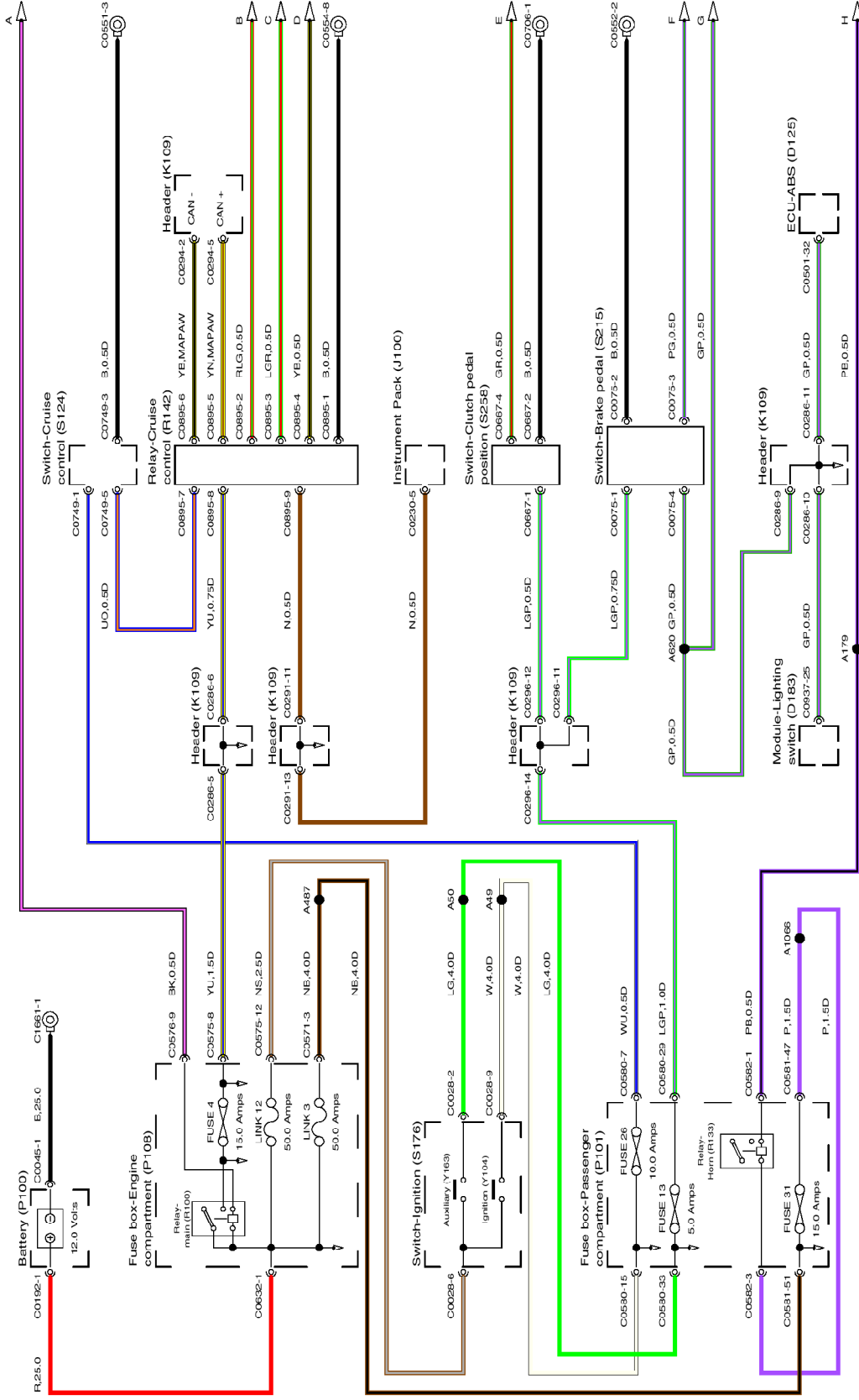
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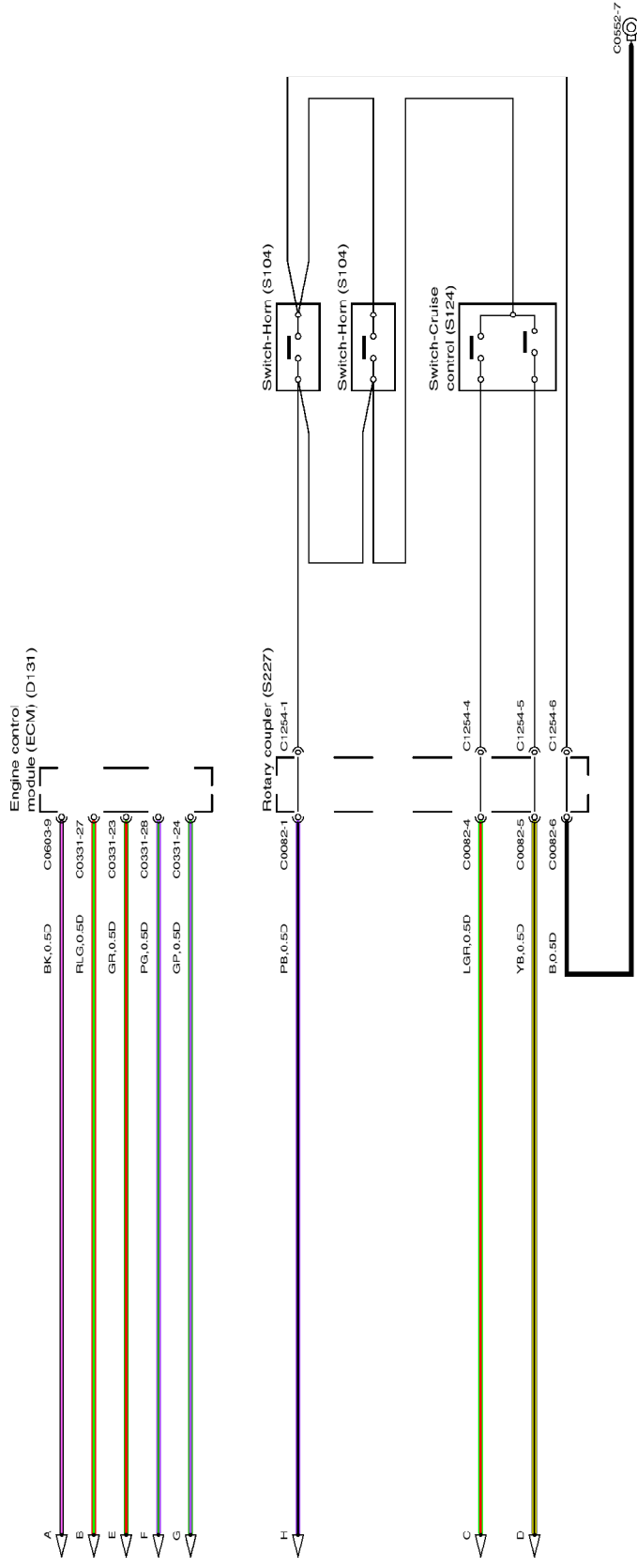
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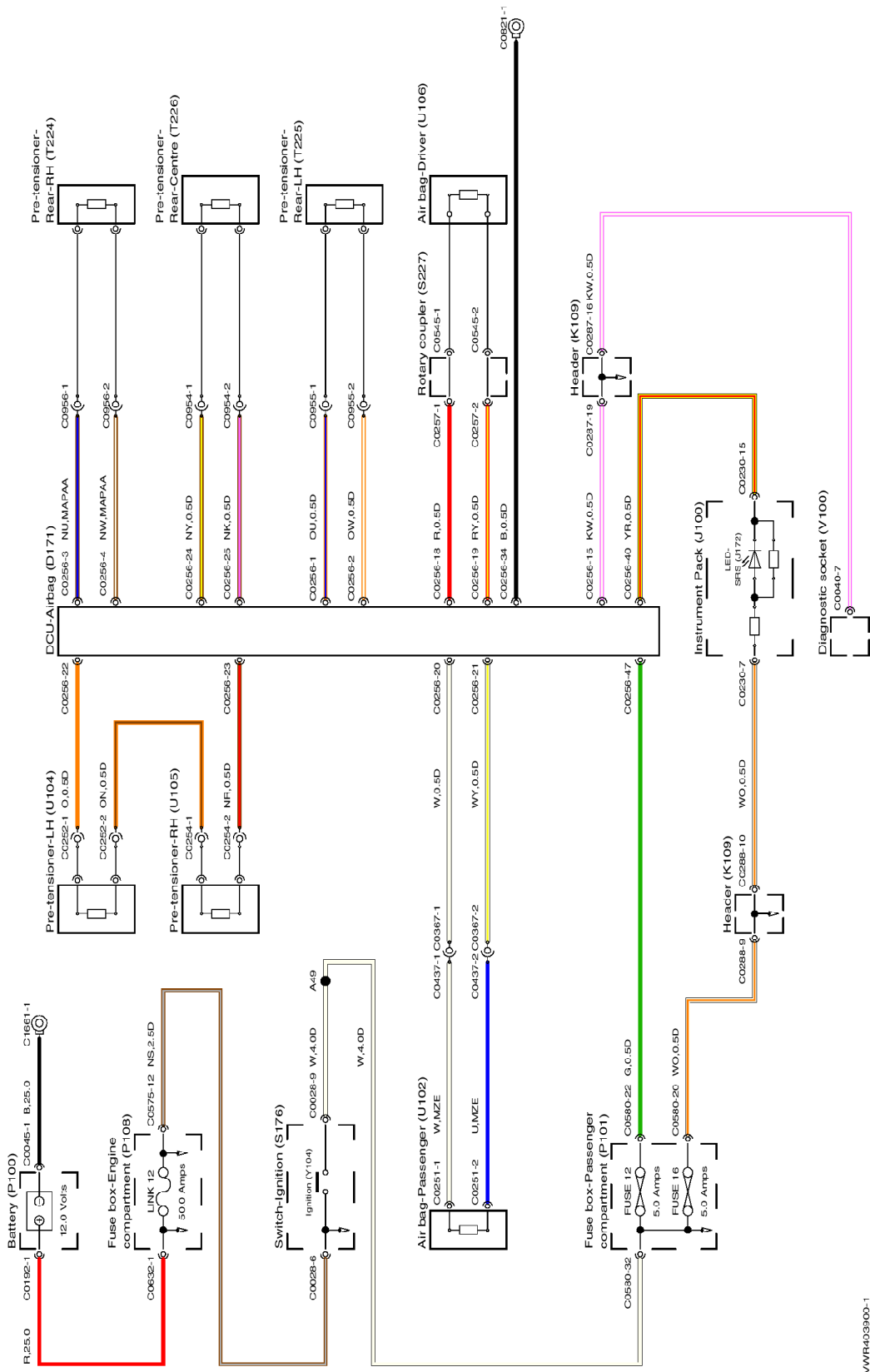
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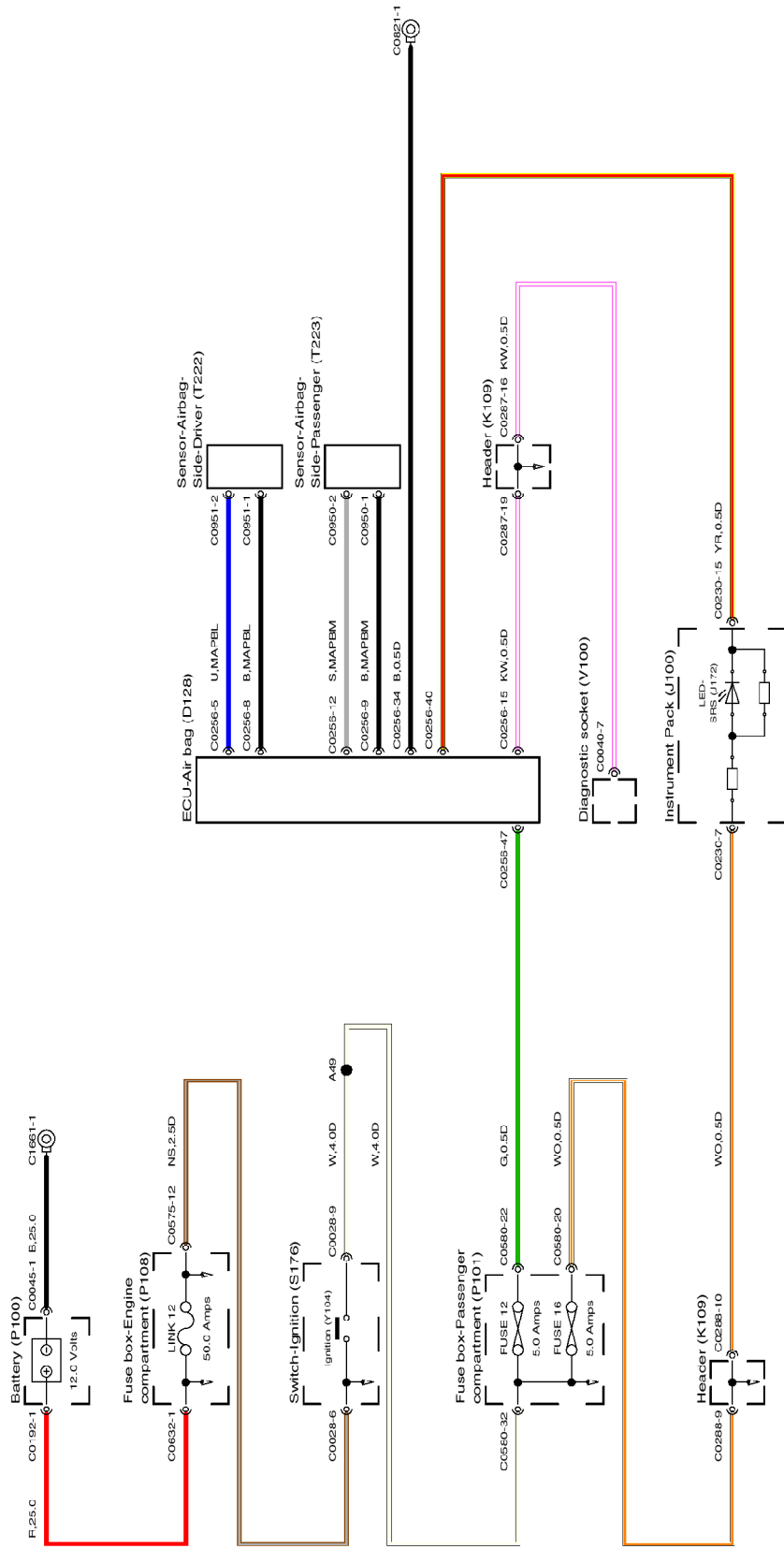
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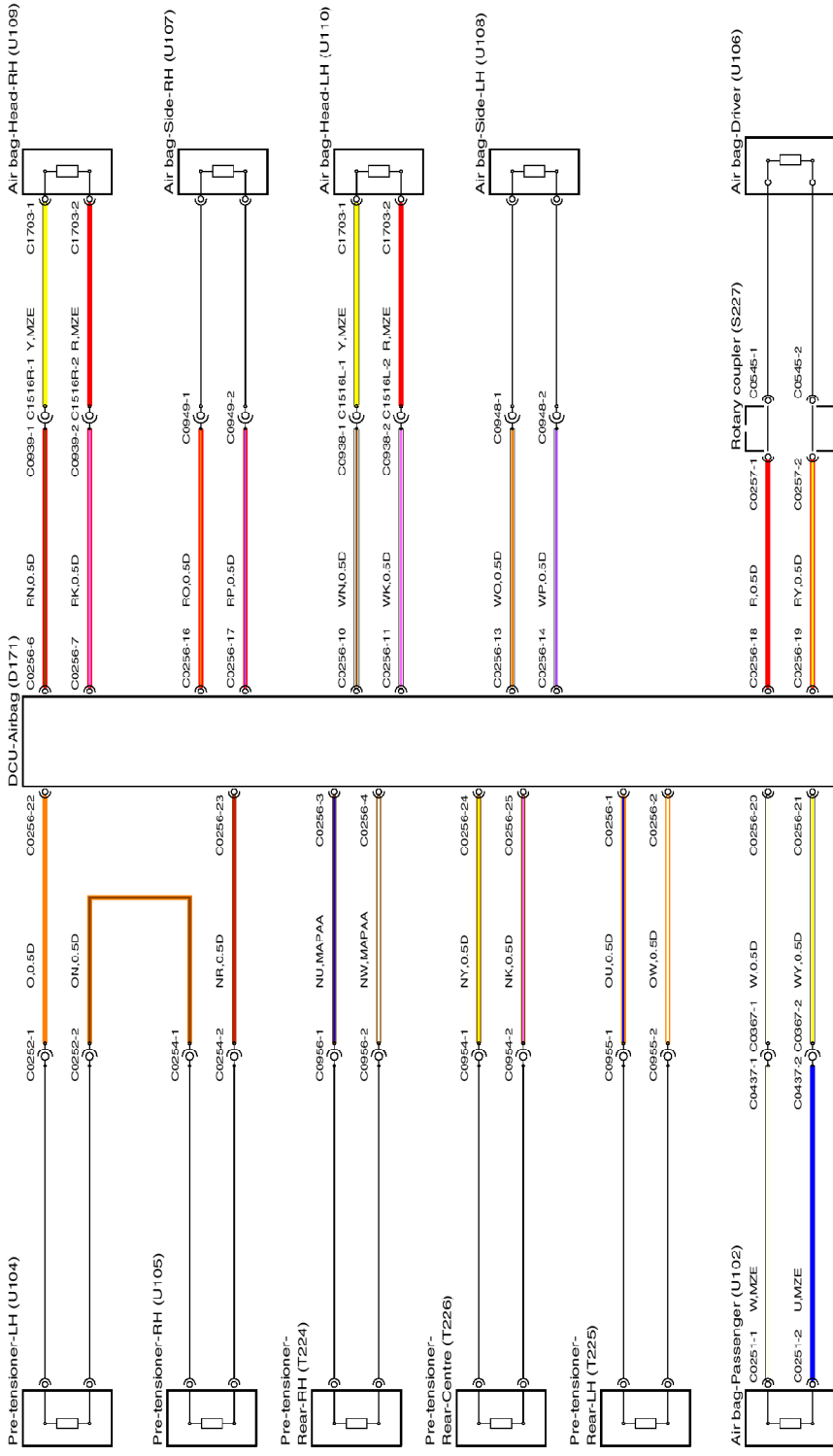
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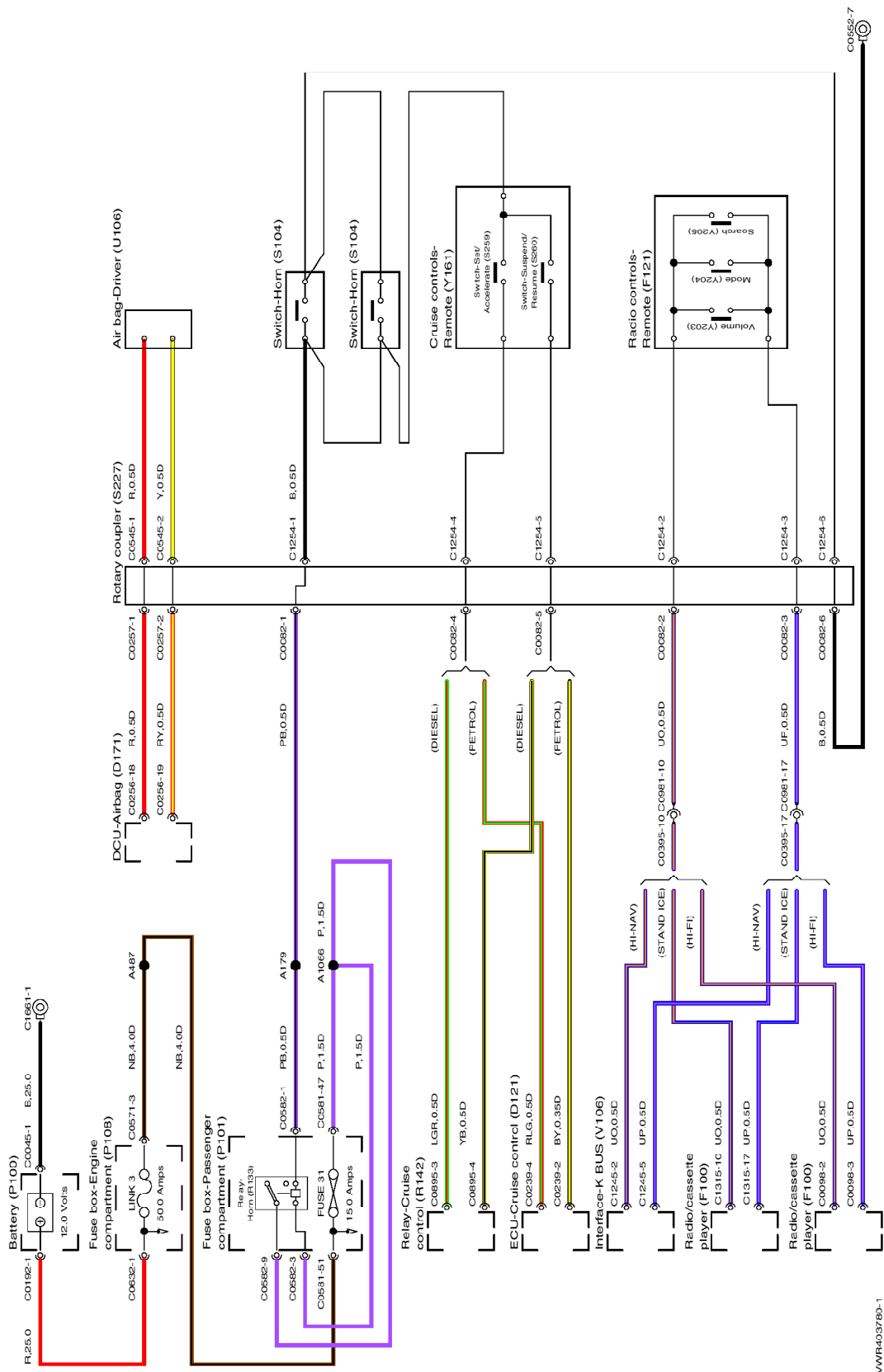
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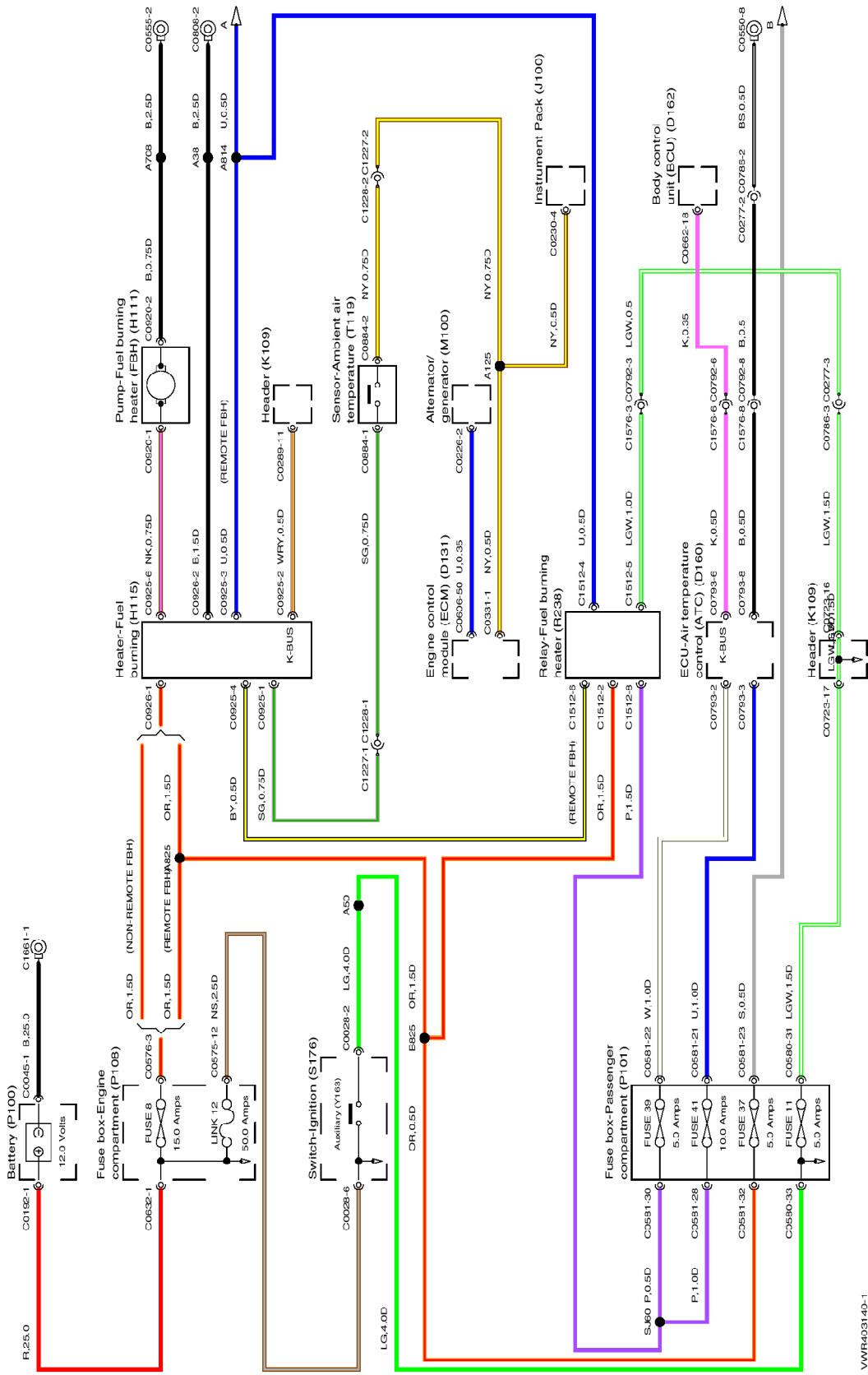
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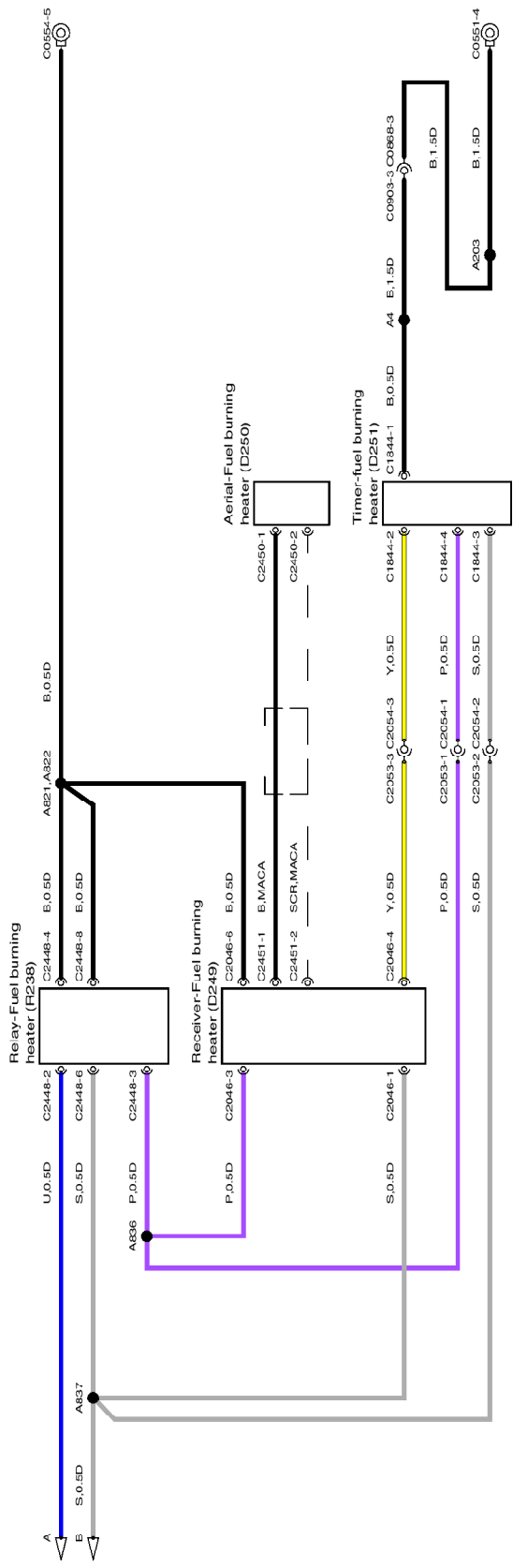


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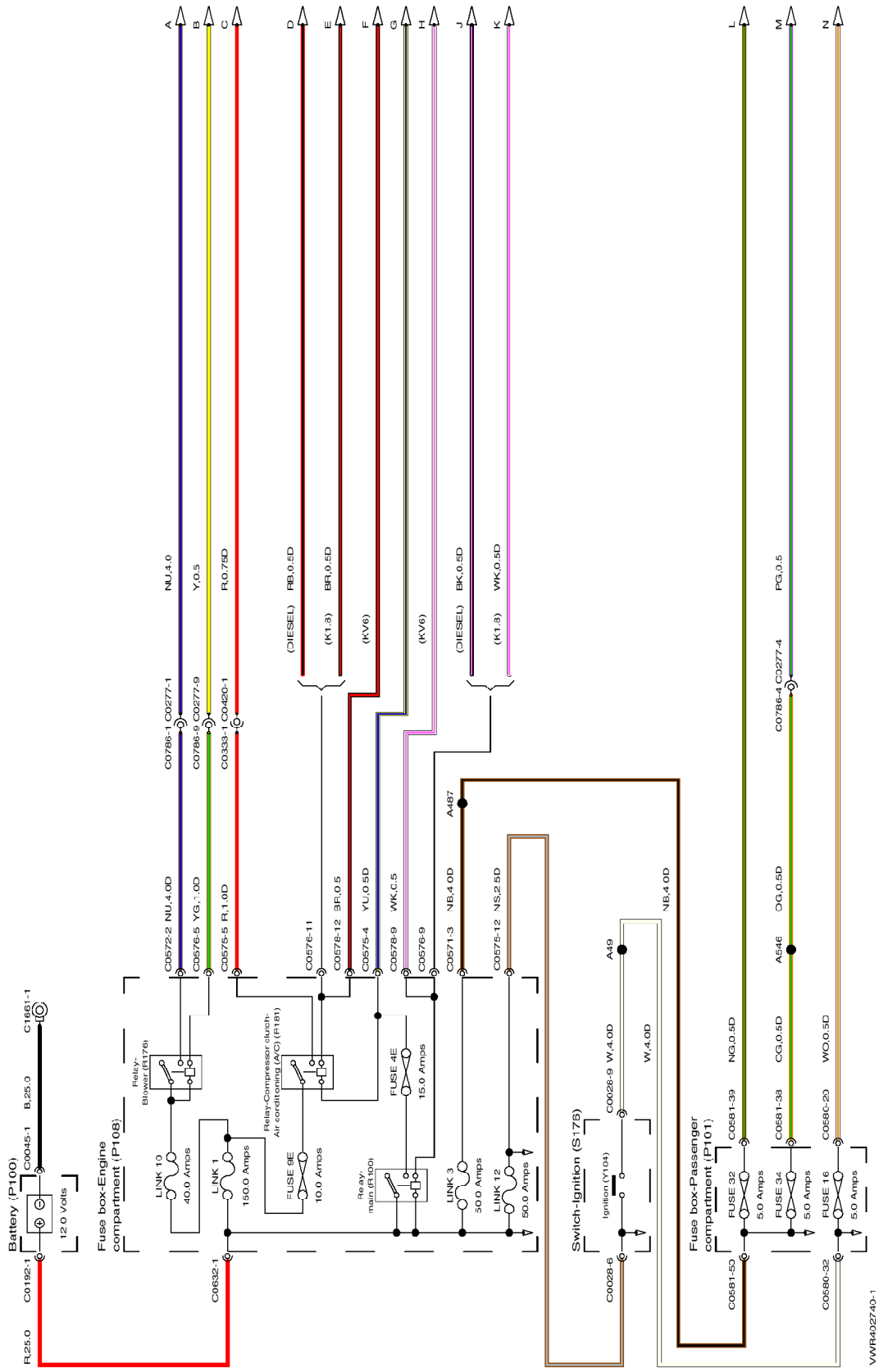


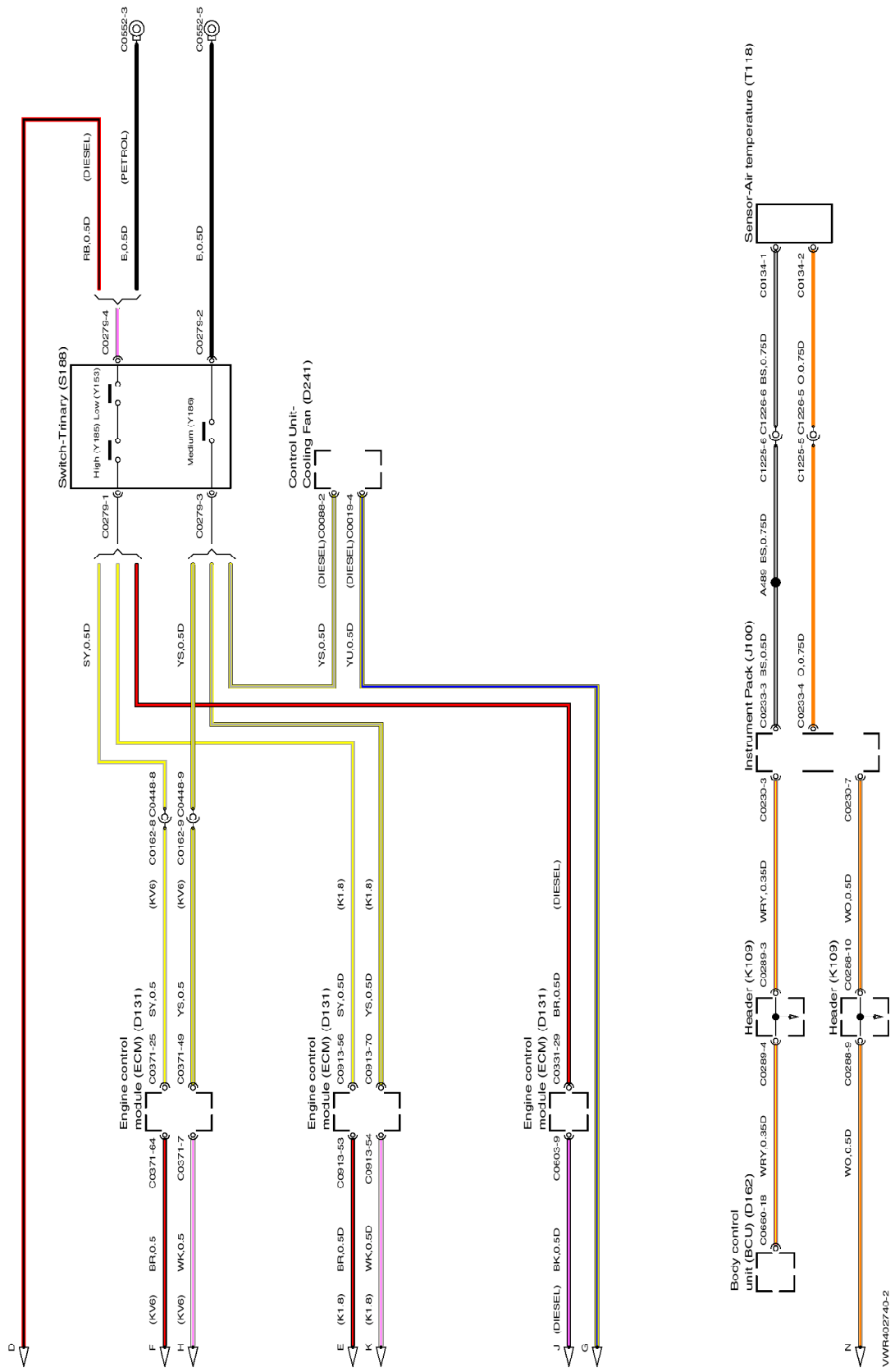
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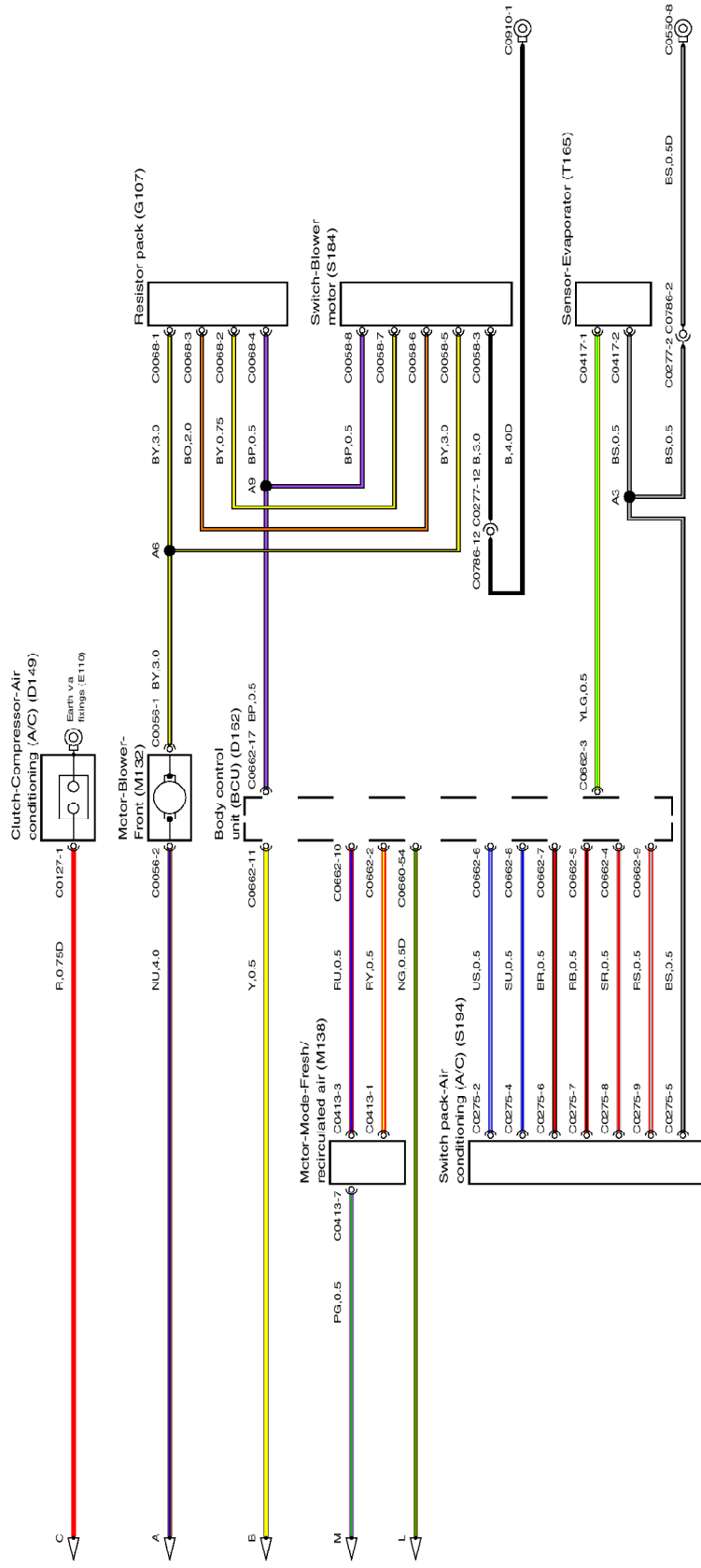
80 FUEL BURNING HEATER



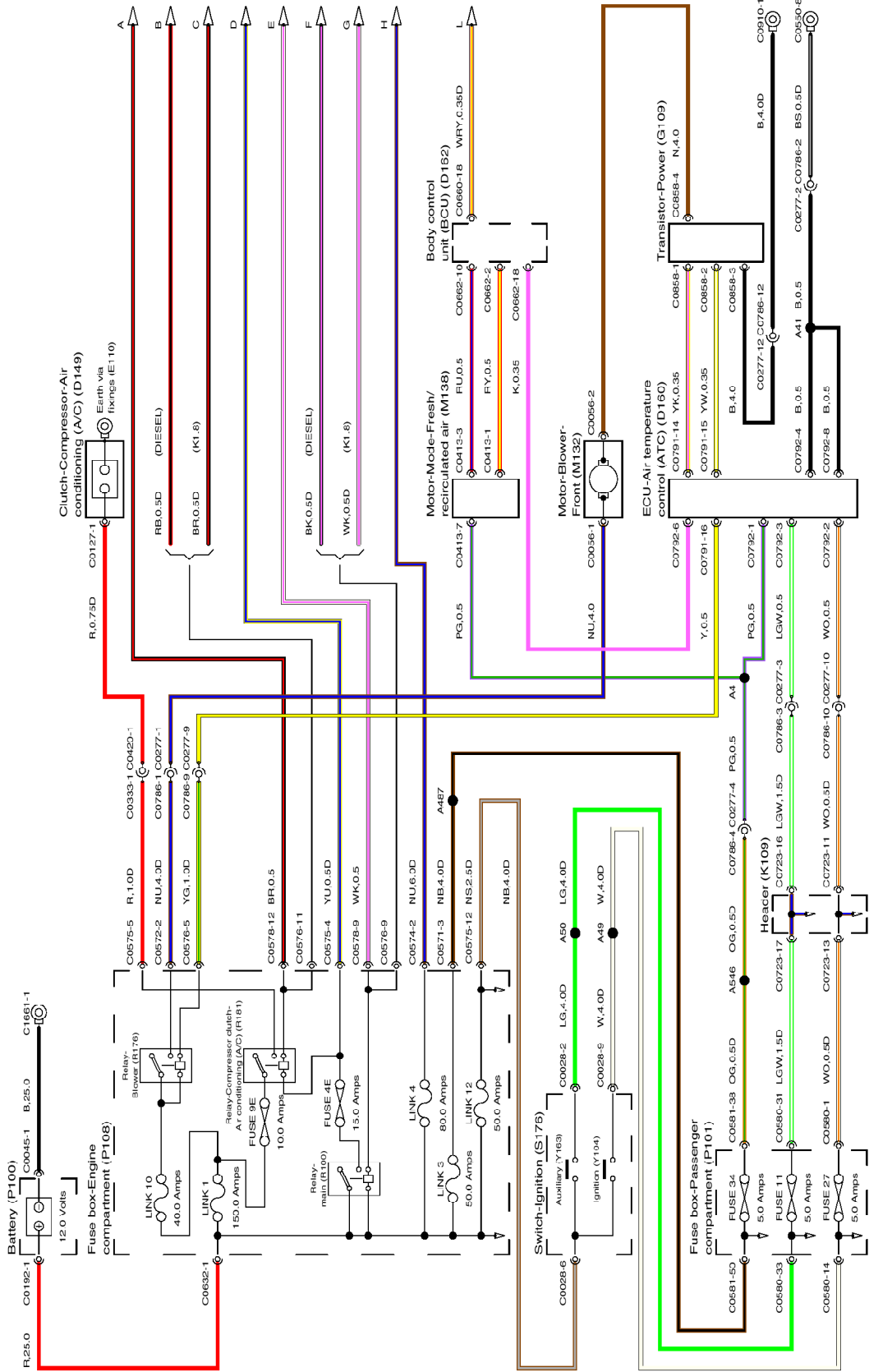
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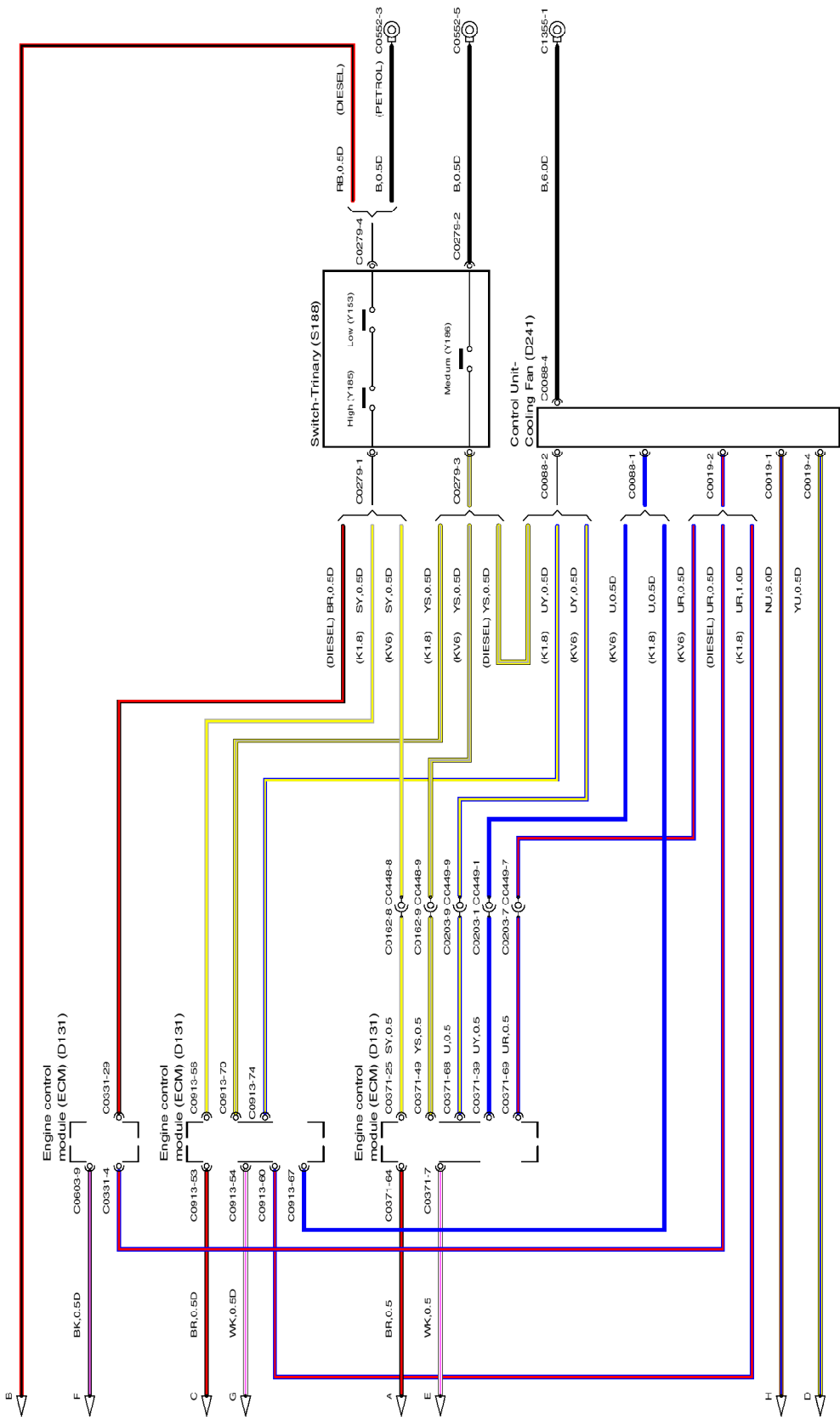




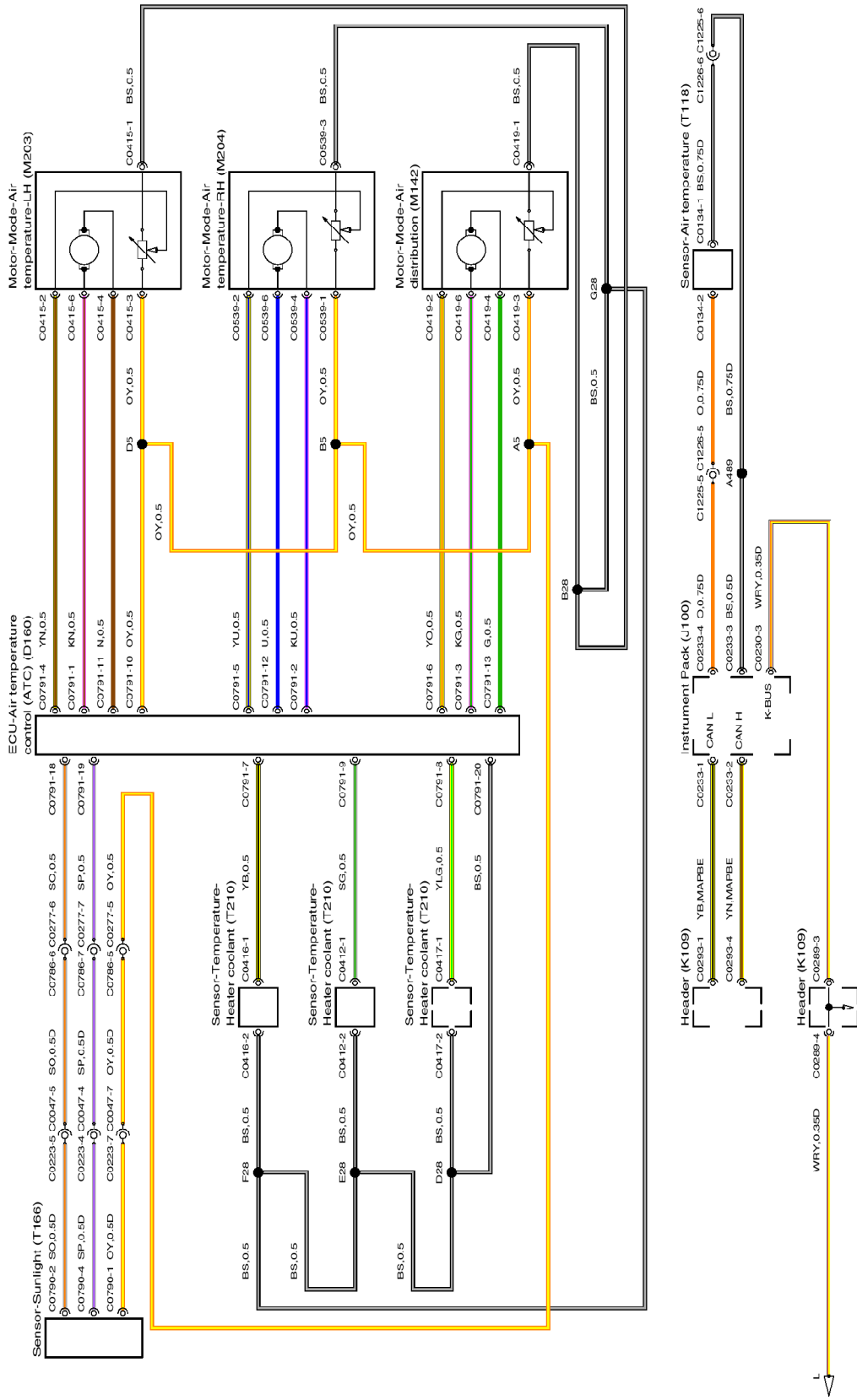
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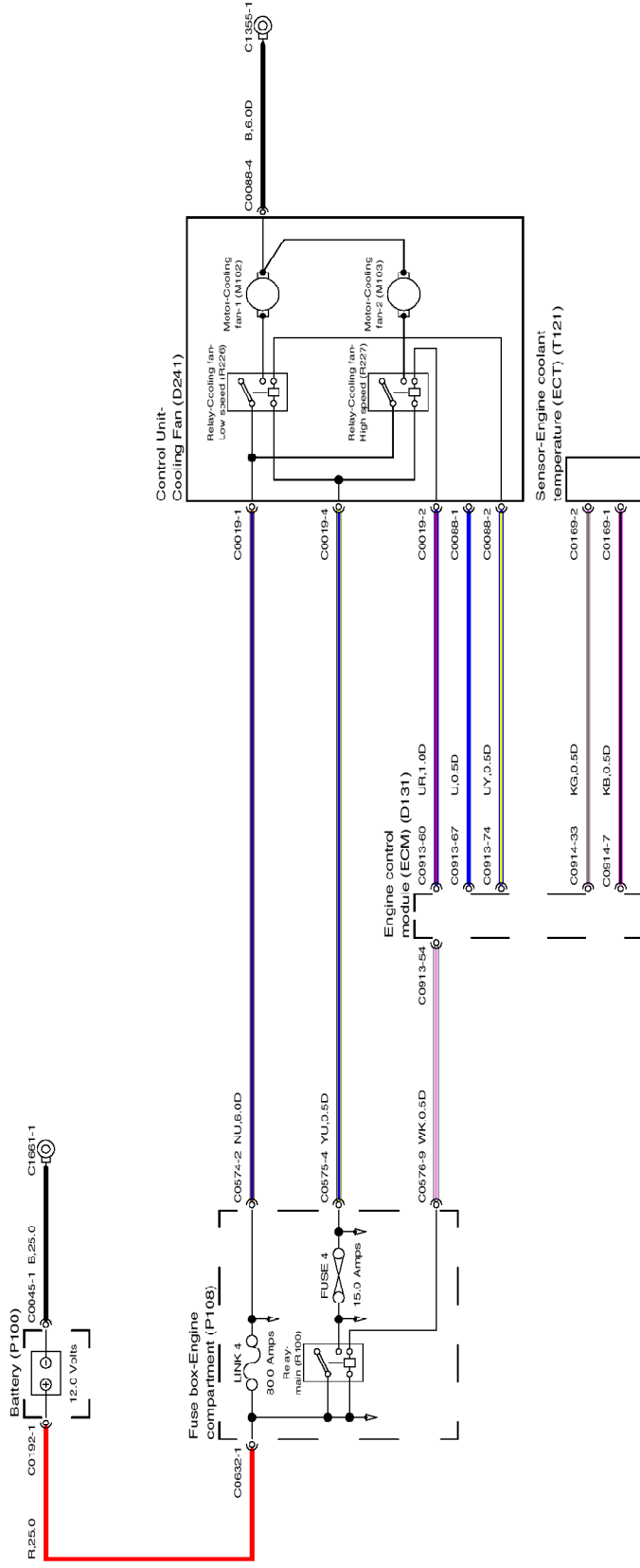
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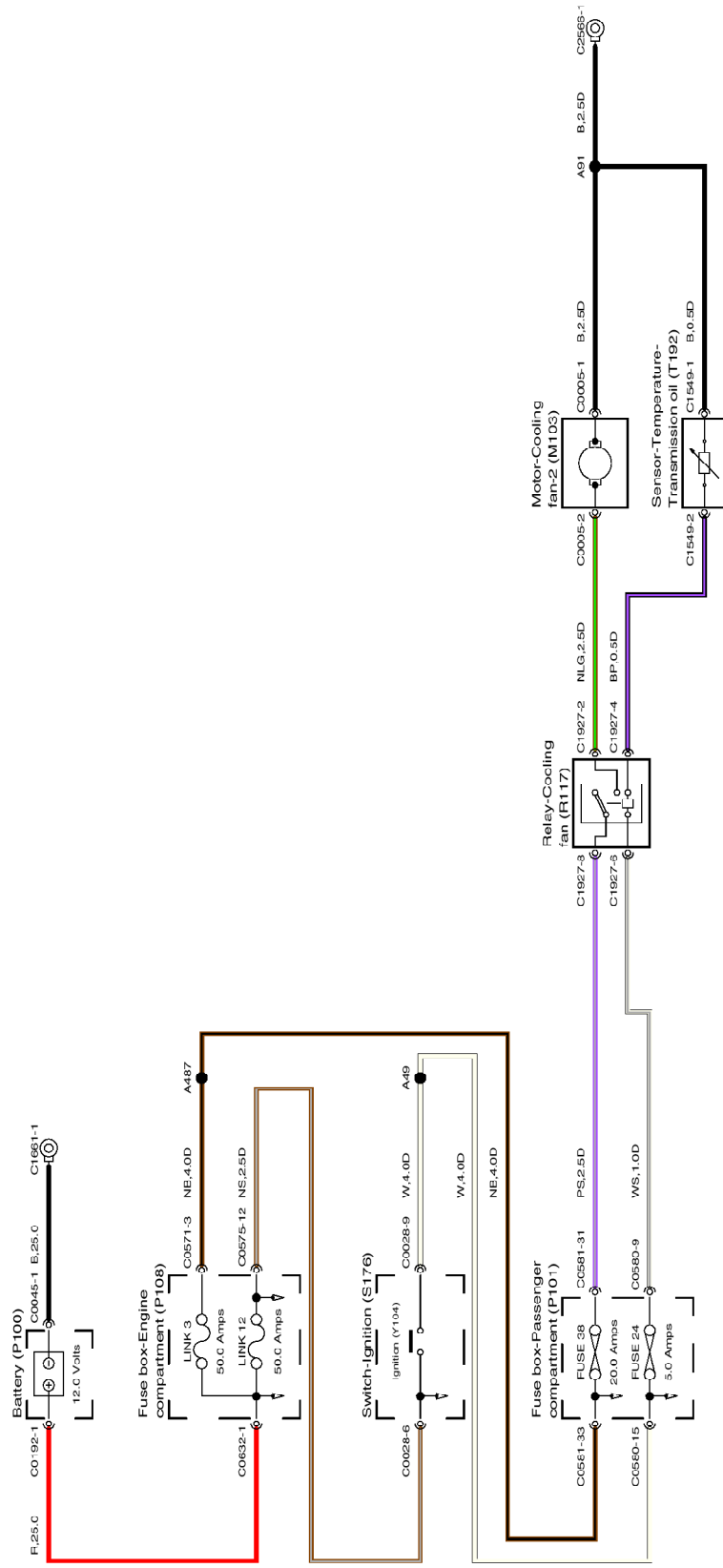
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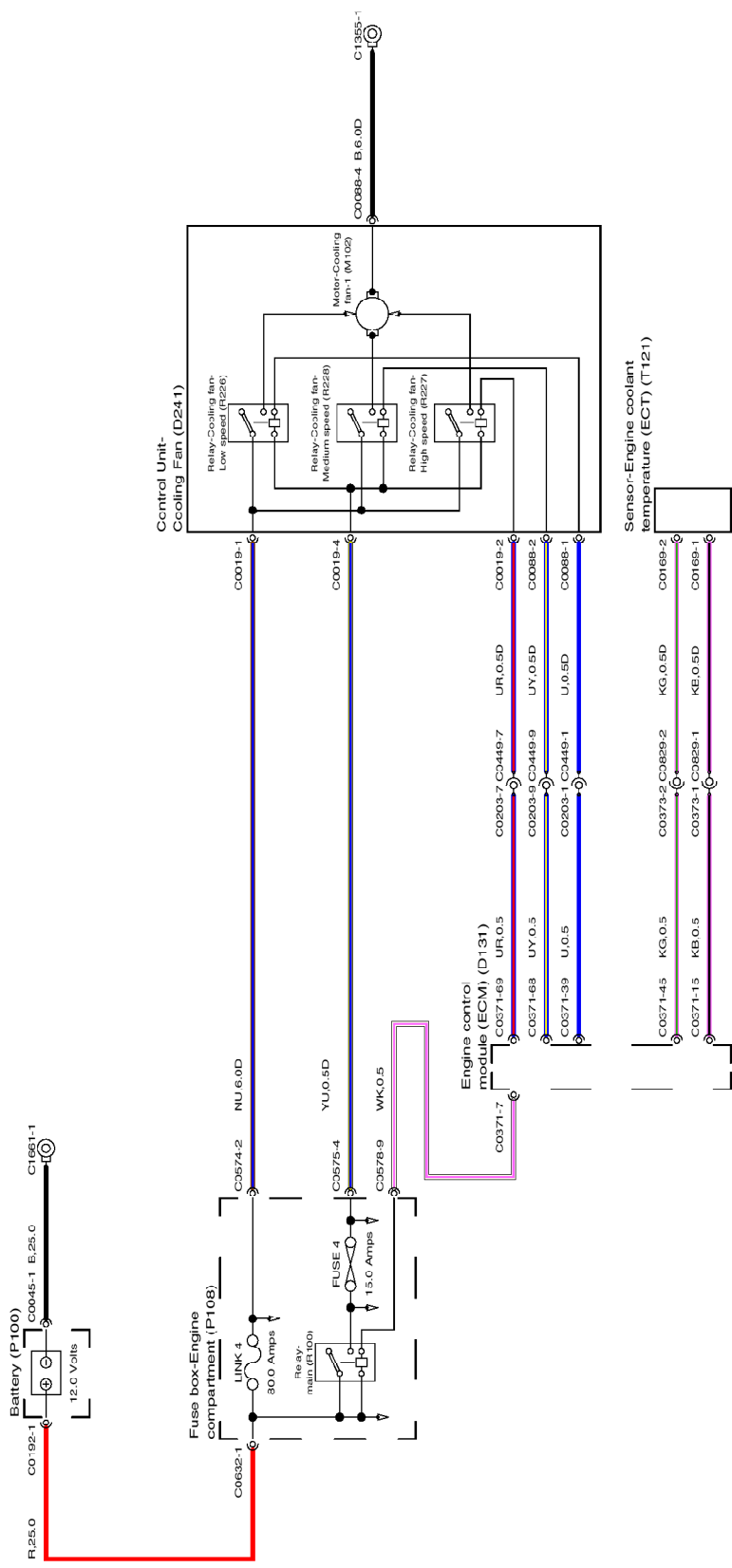
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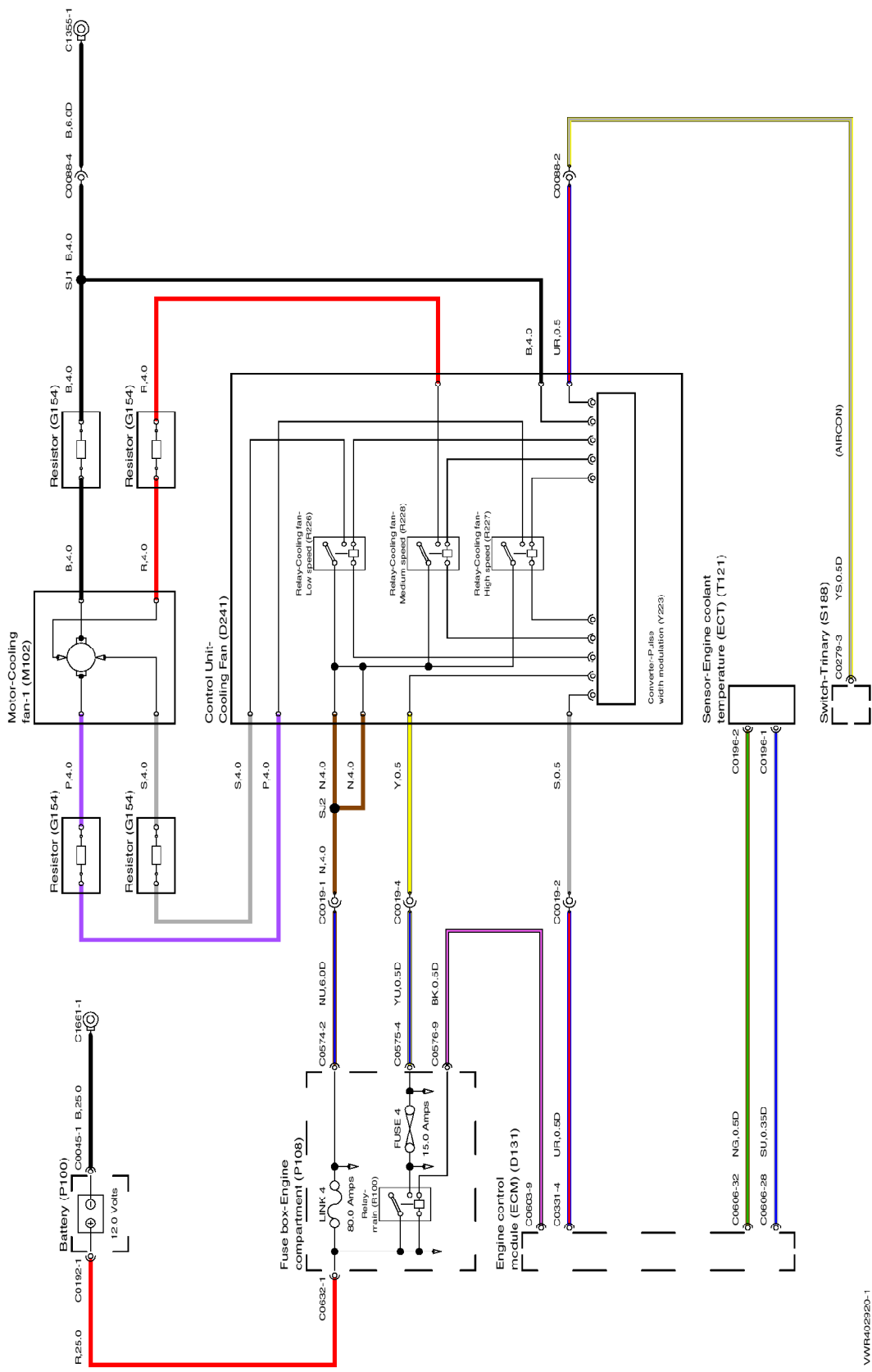
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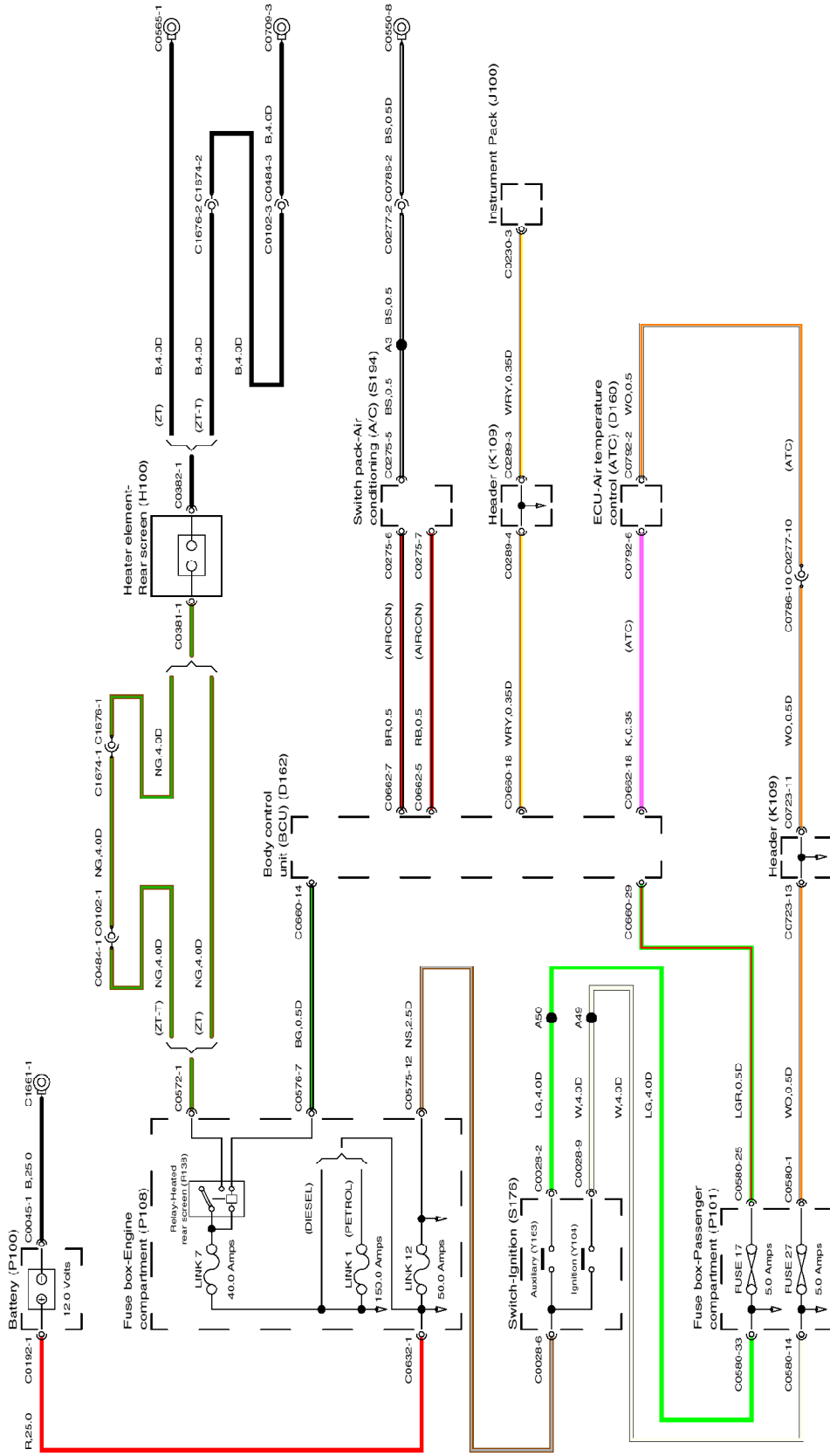
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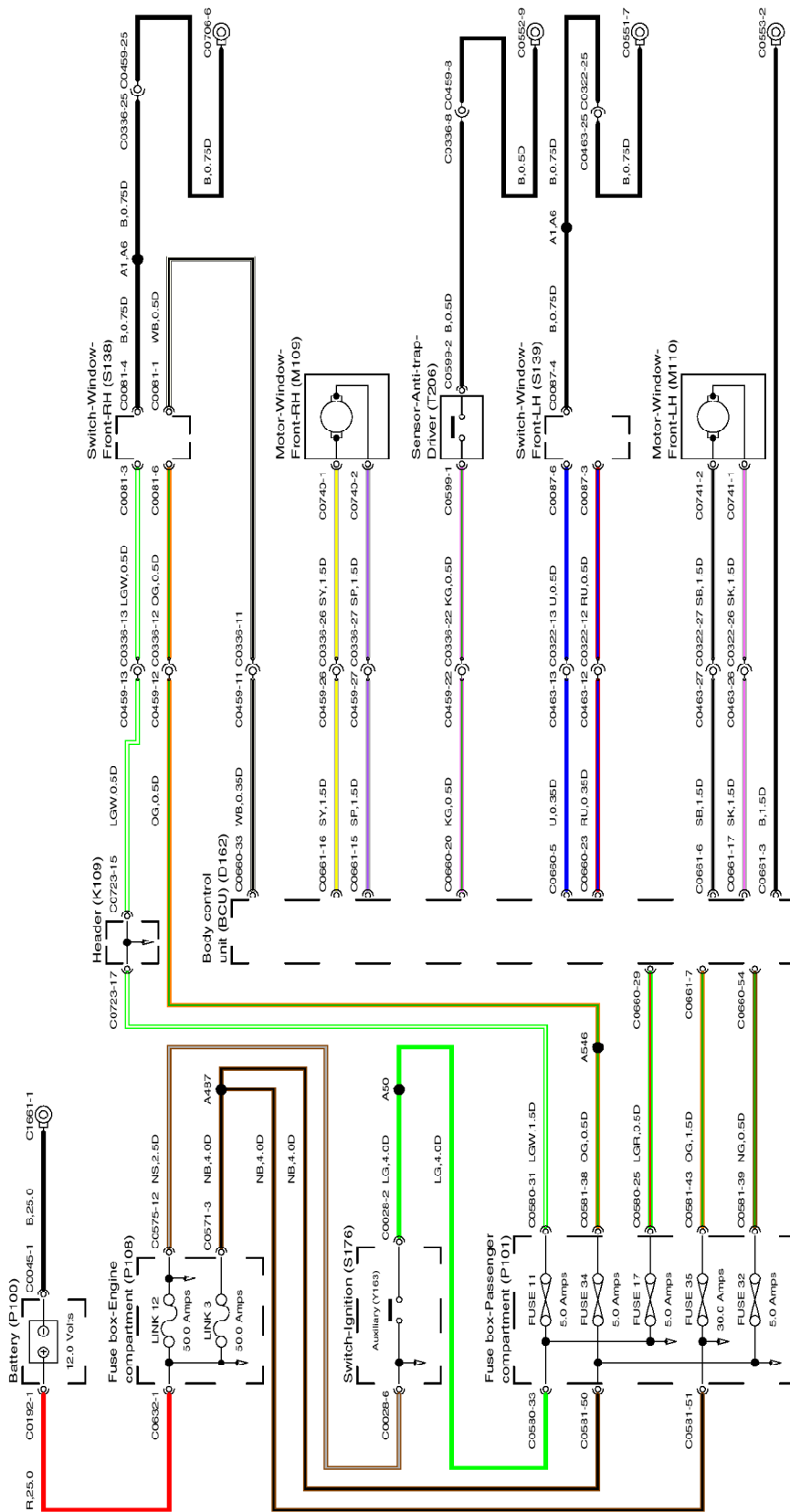
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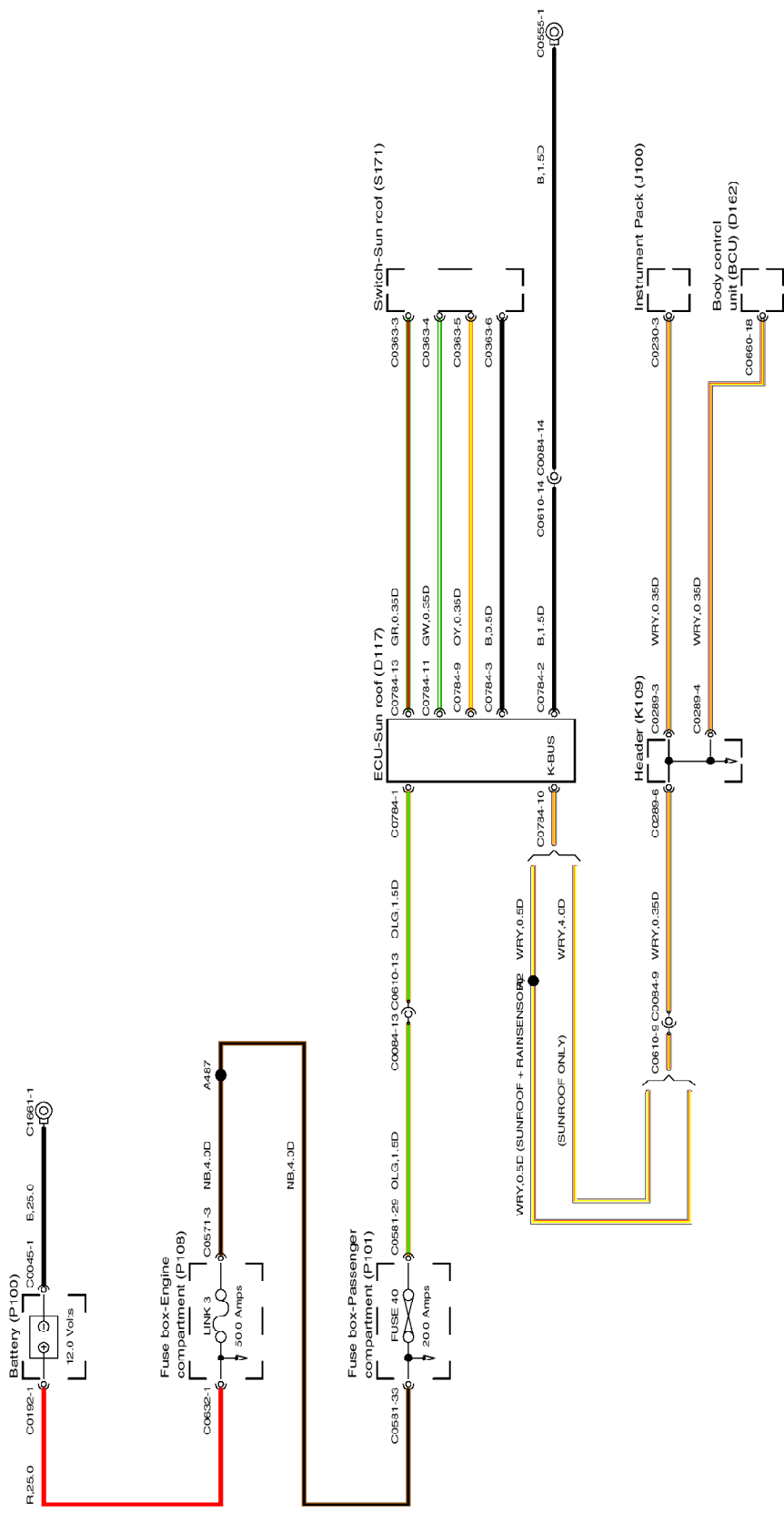
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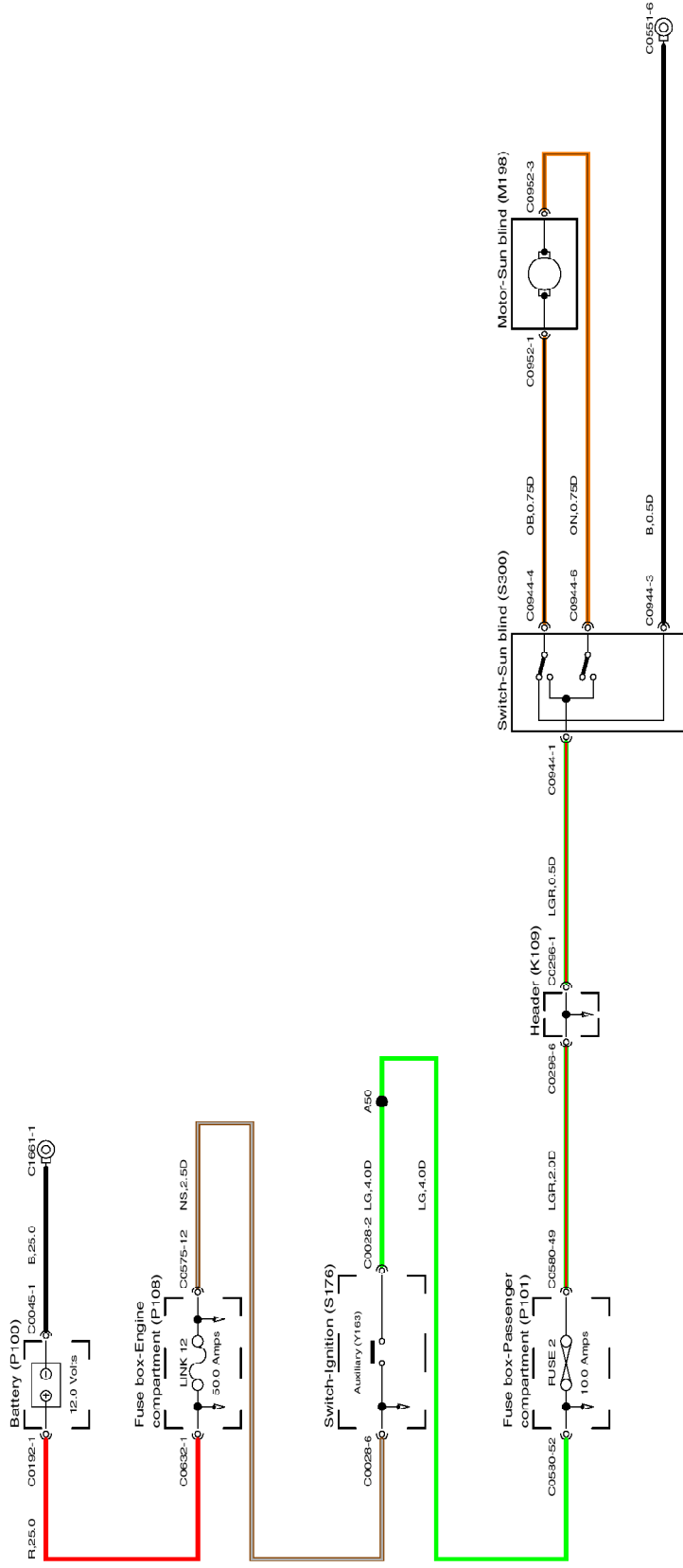
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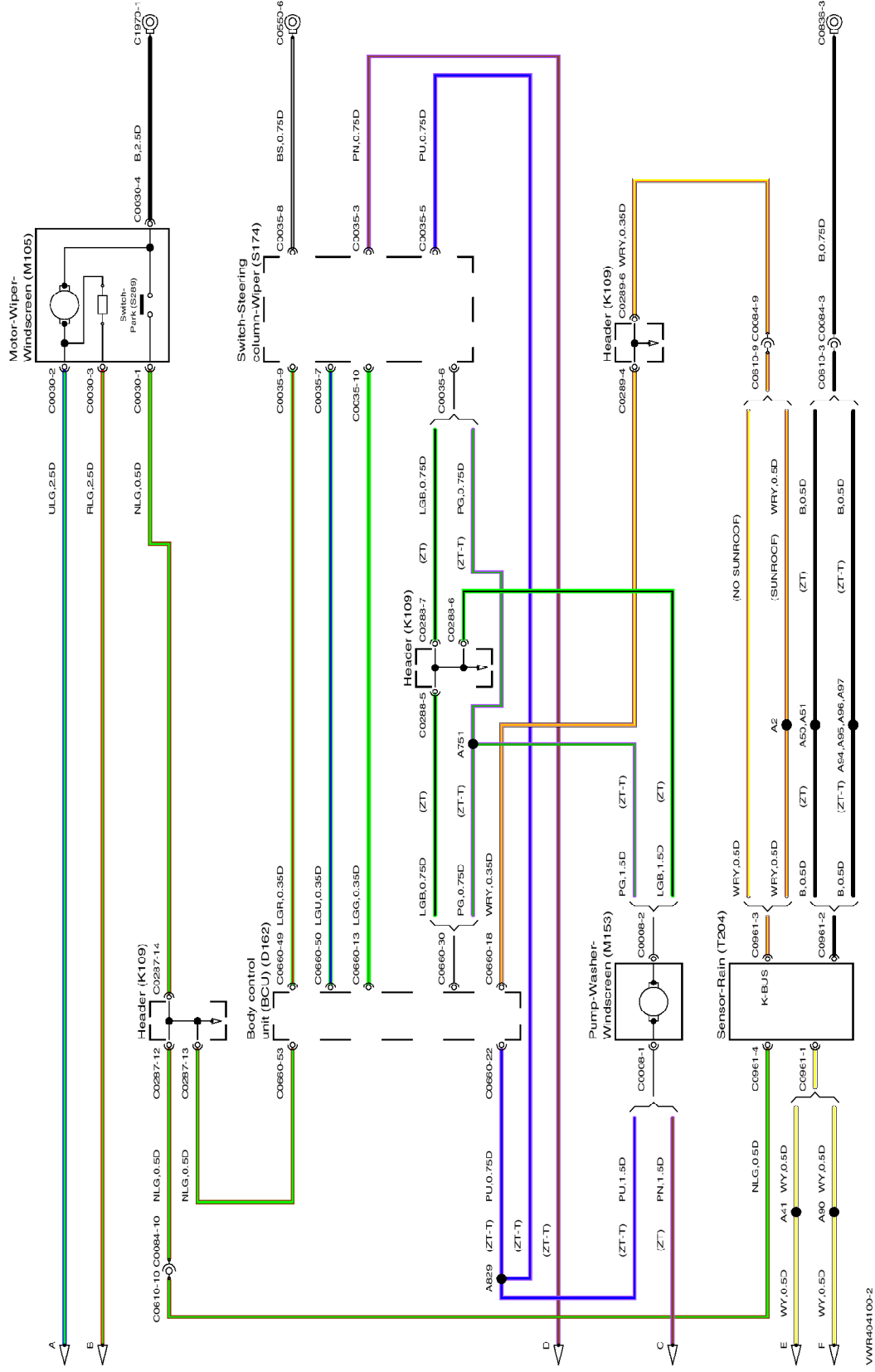
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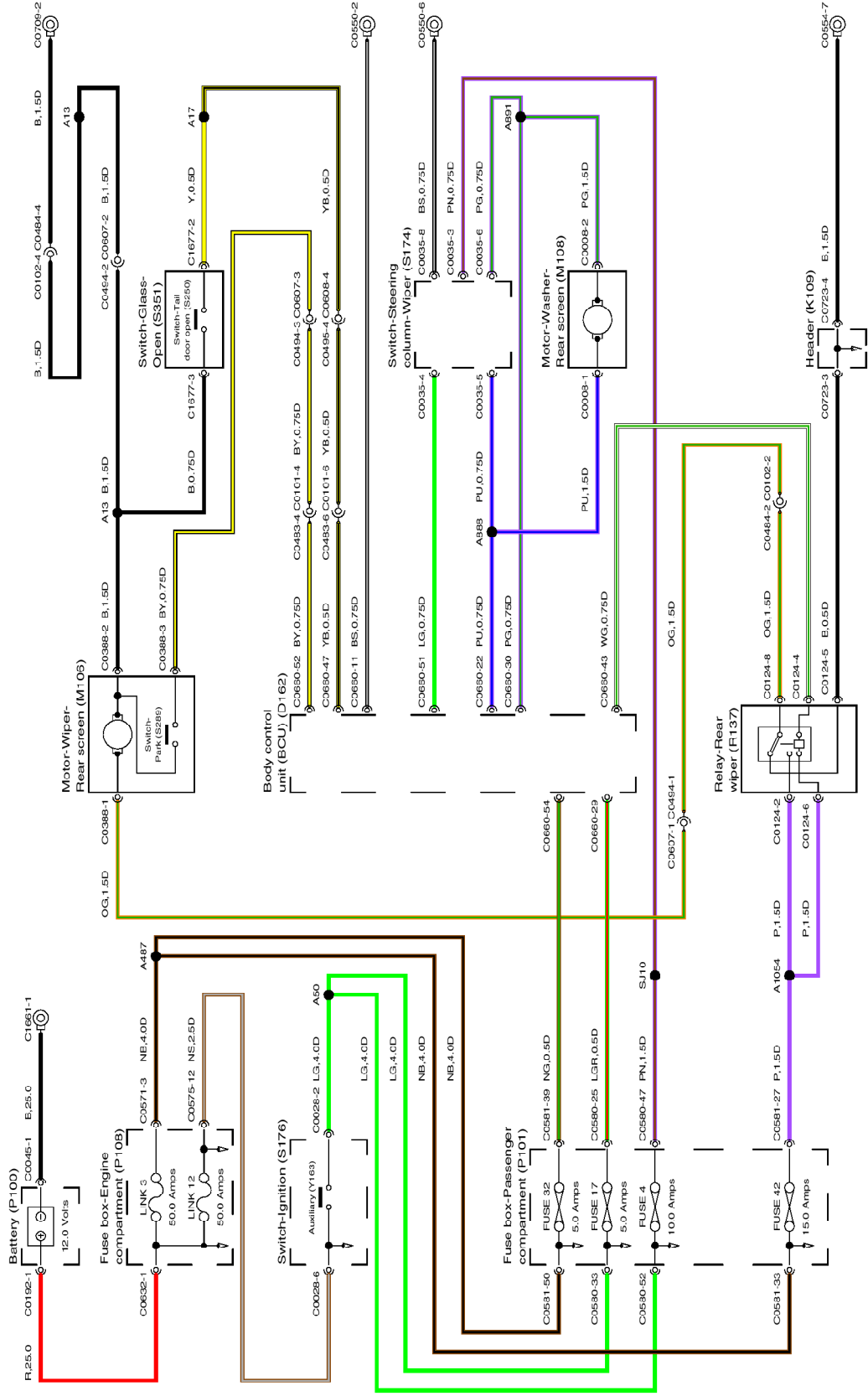
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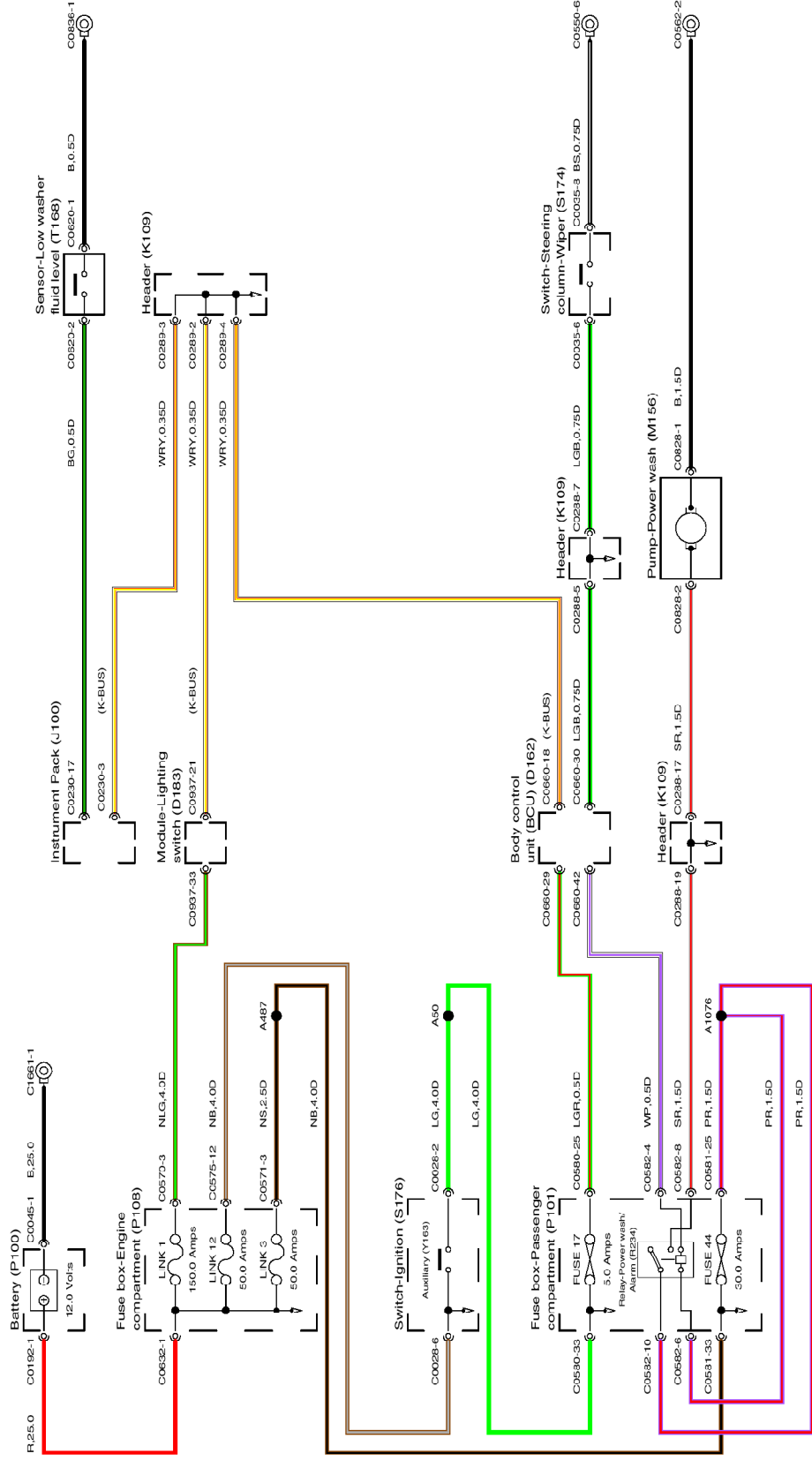
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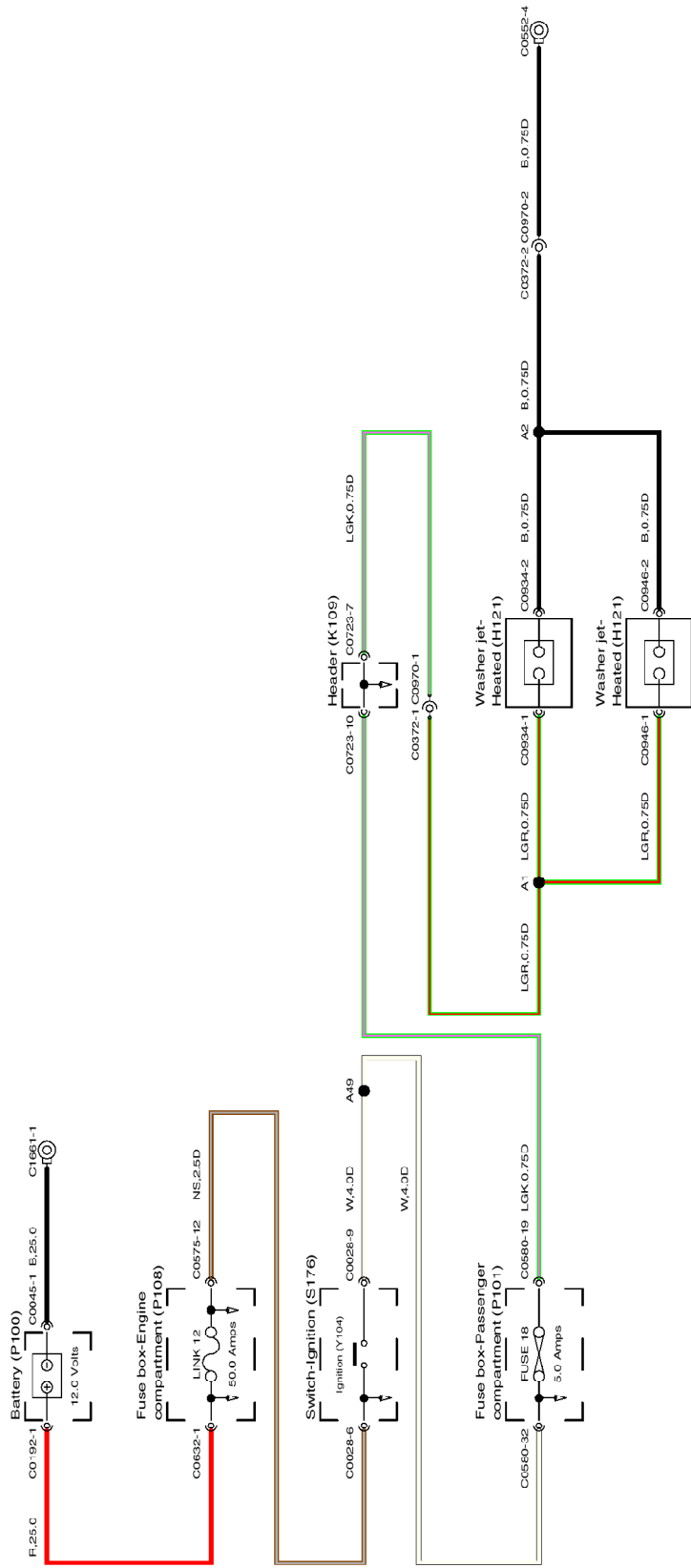
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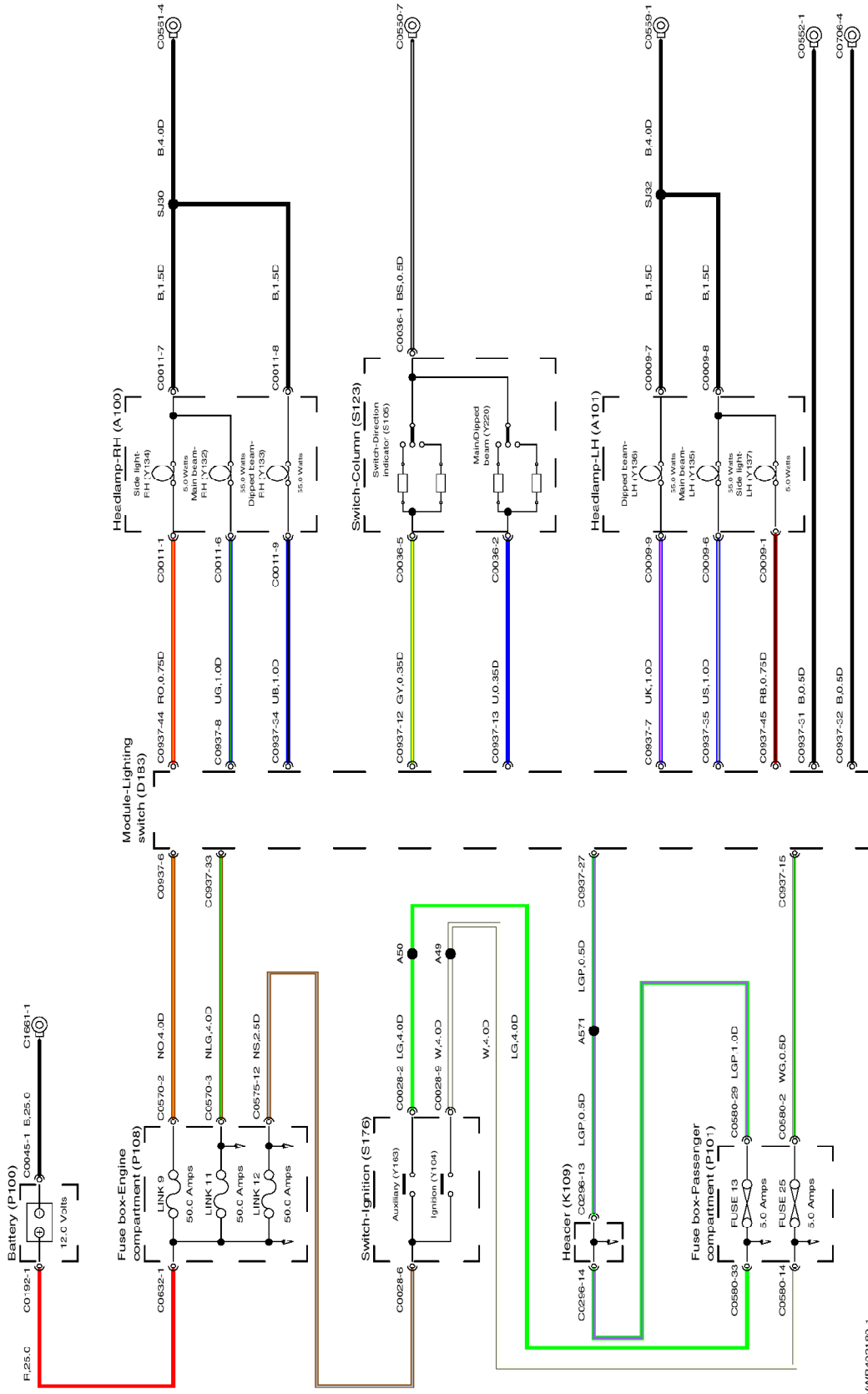
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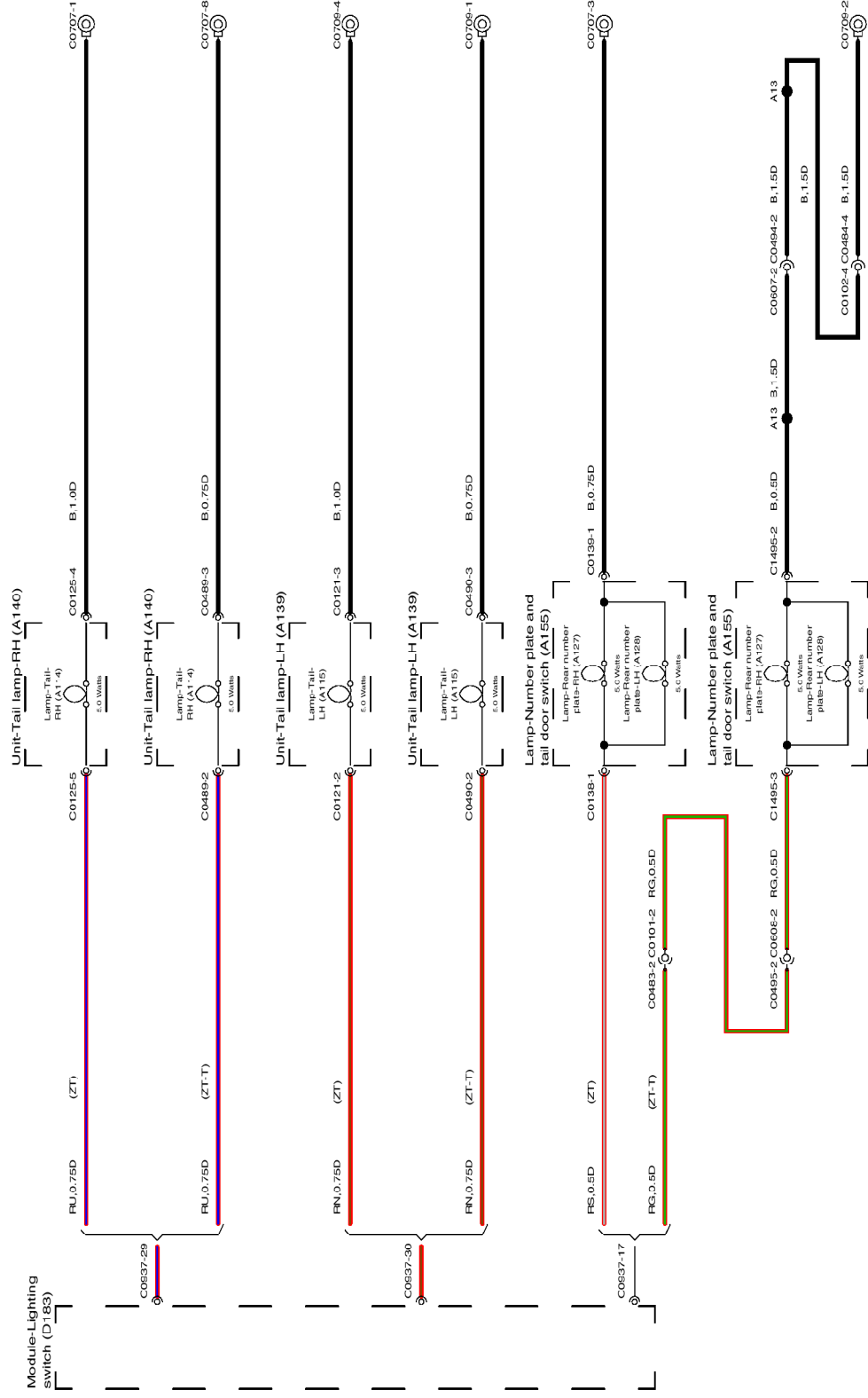
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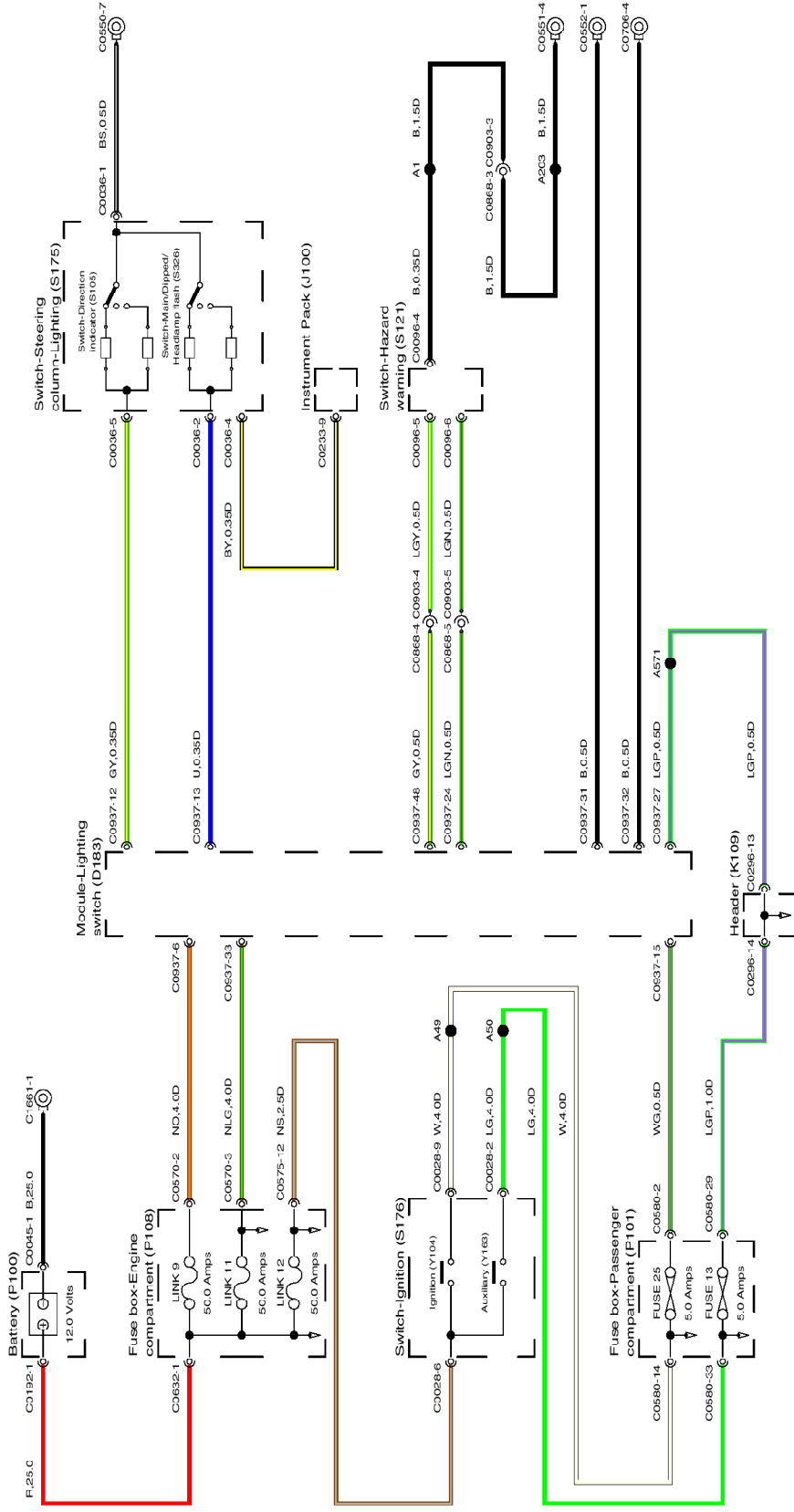
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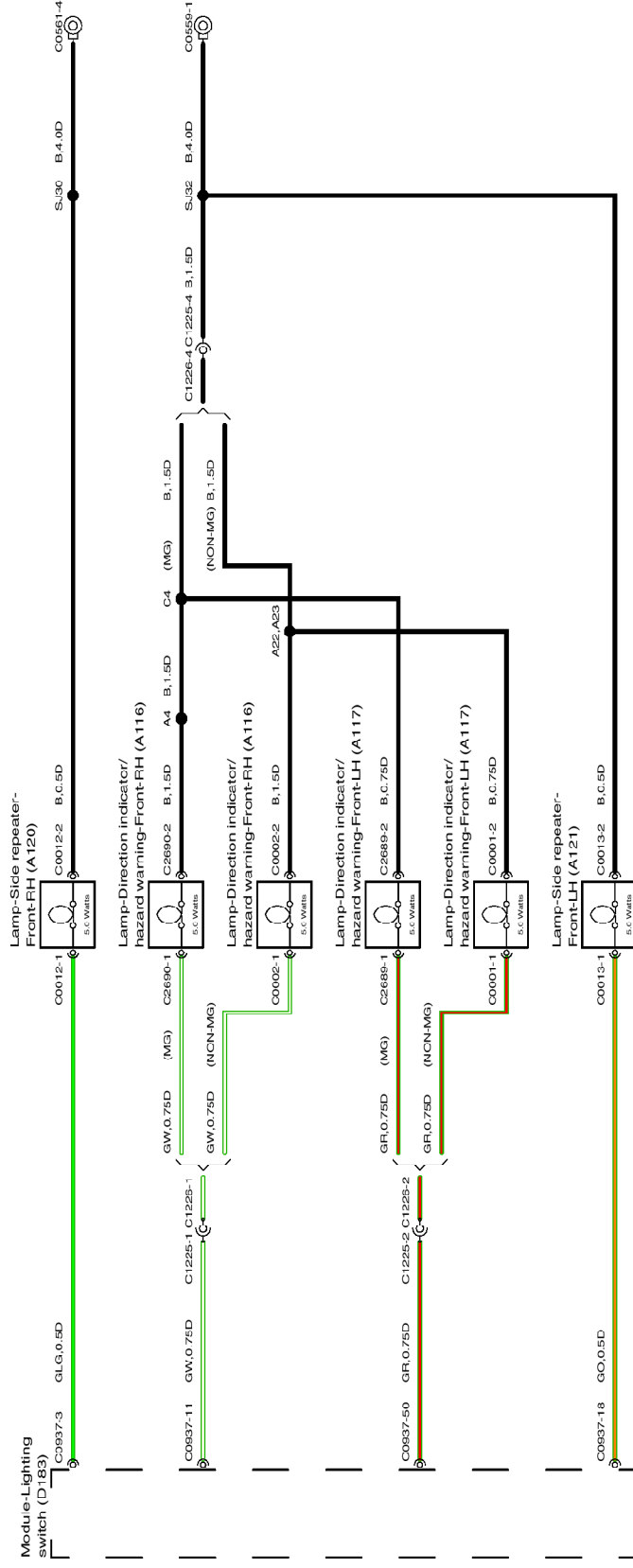
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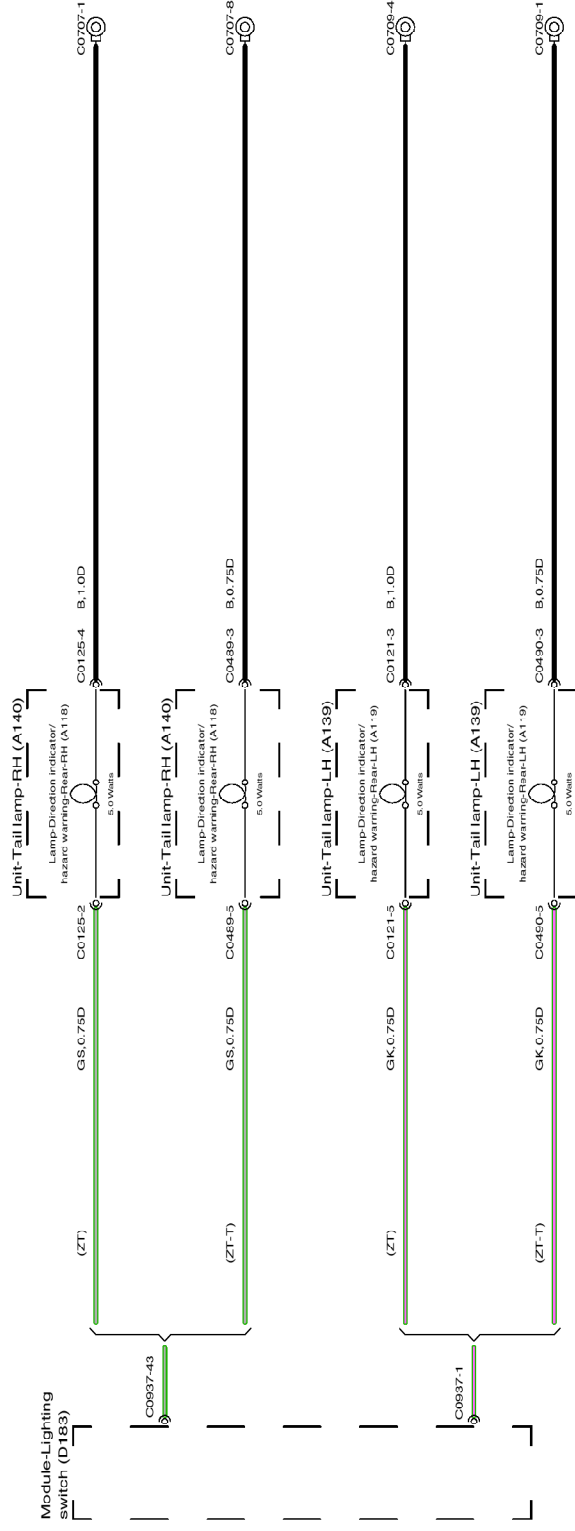
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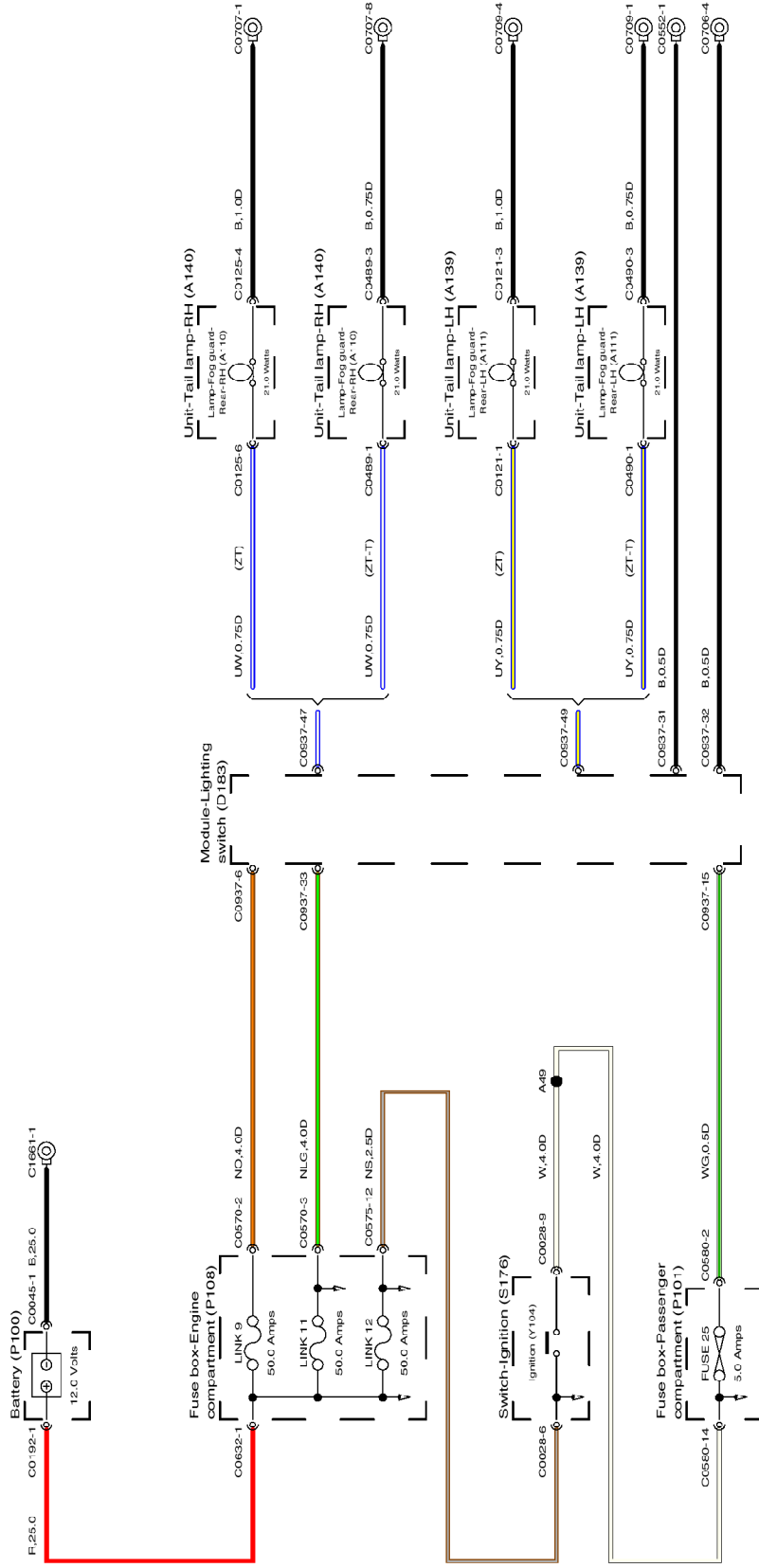
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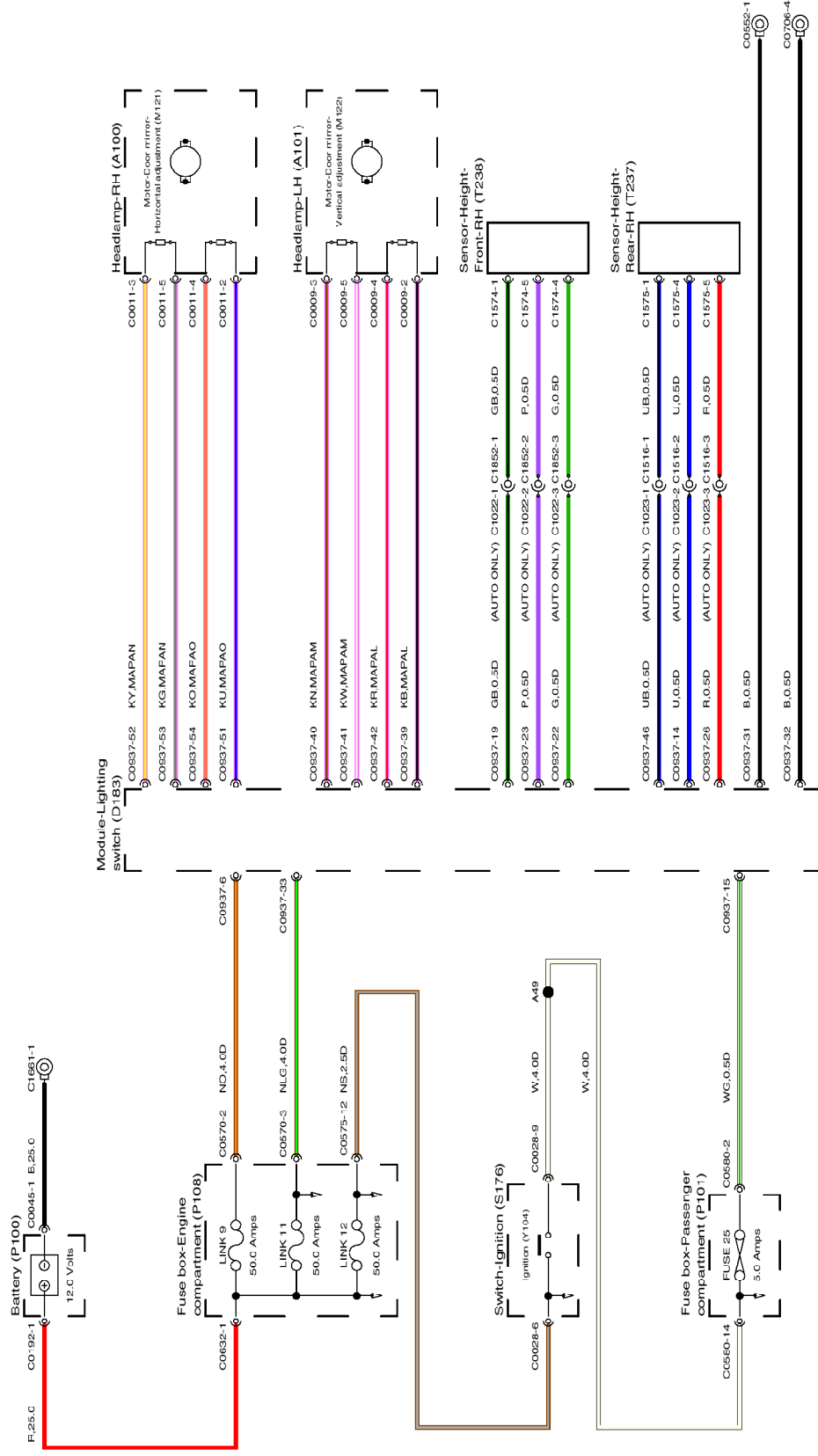
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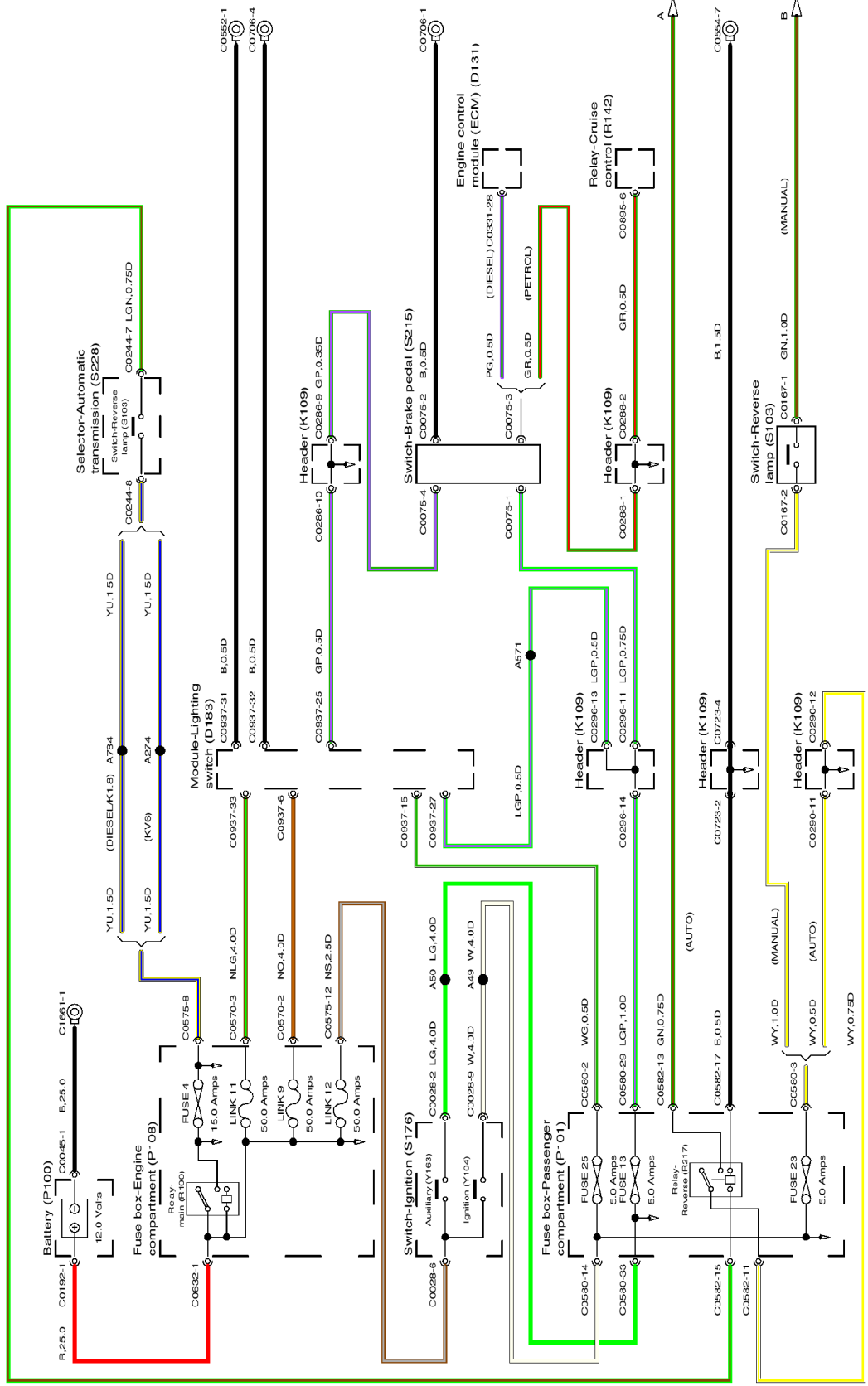
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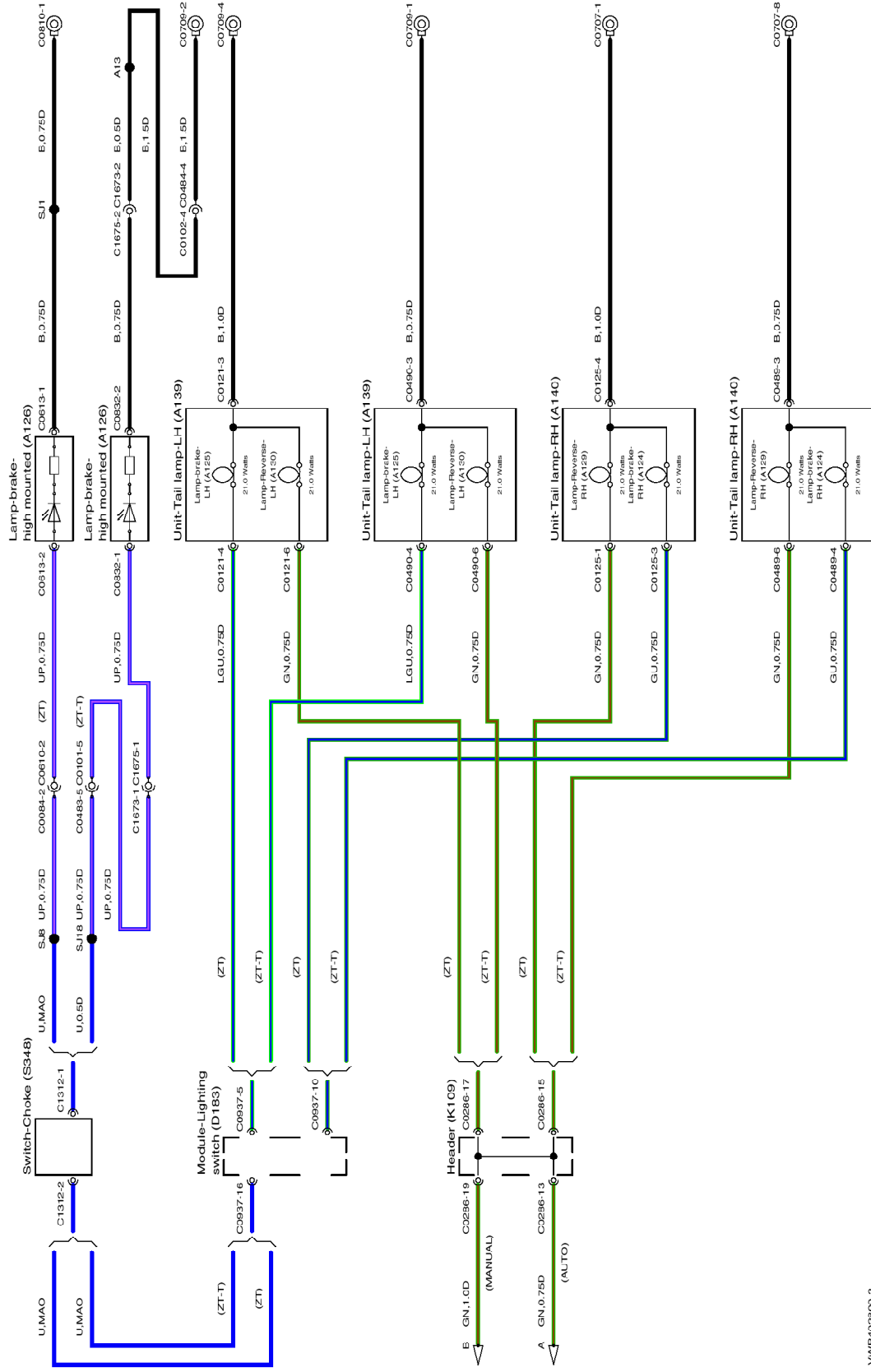
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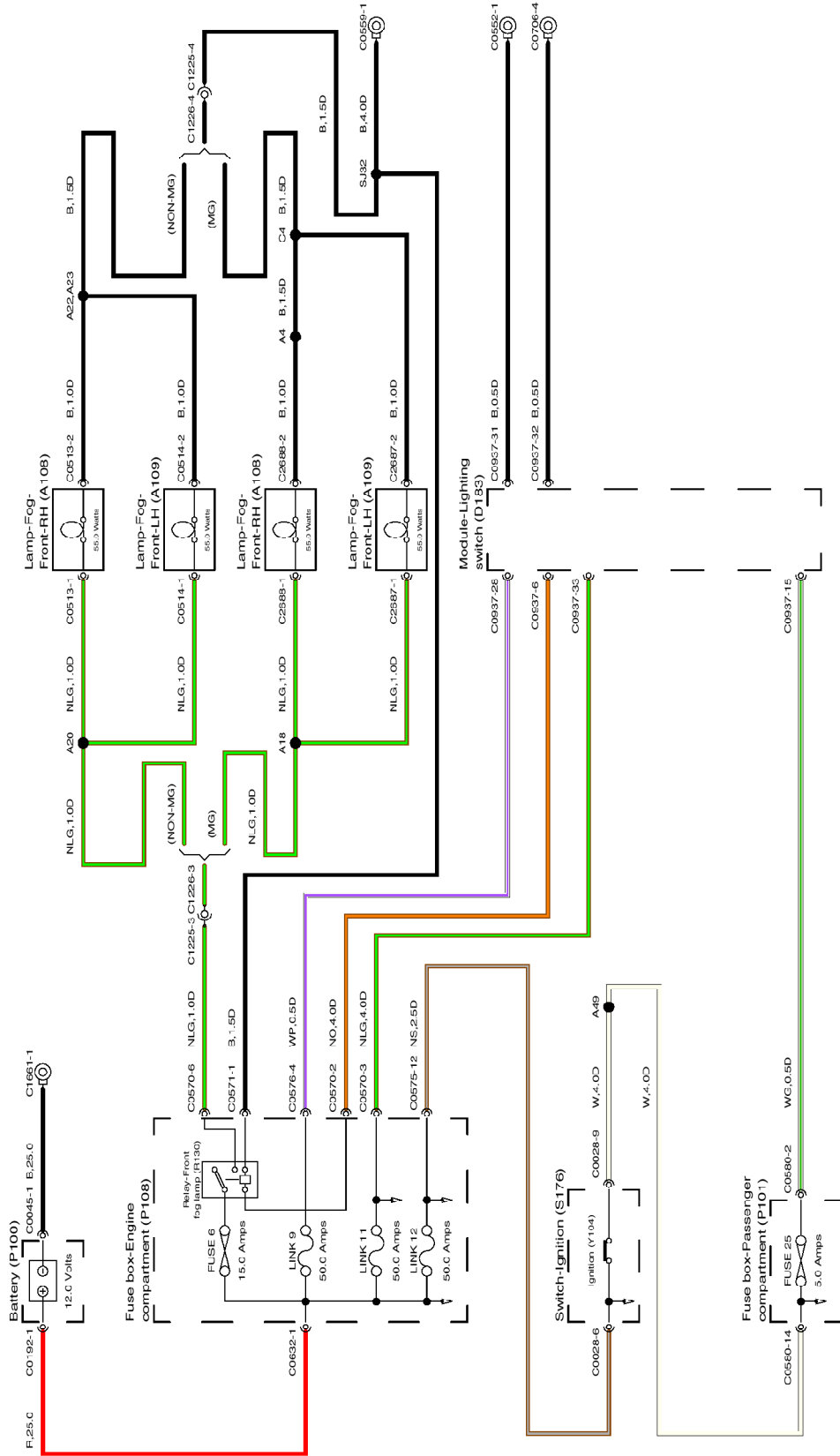
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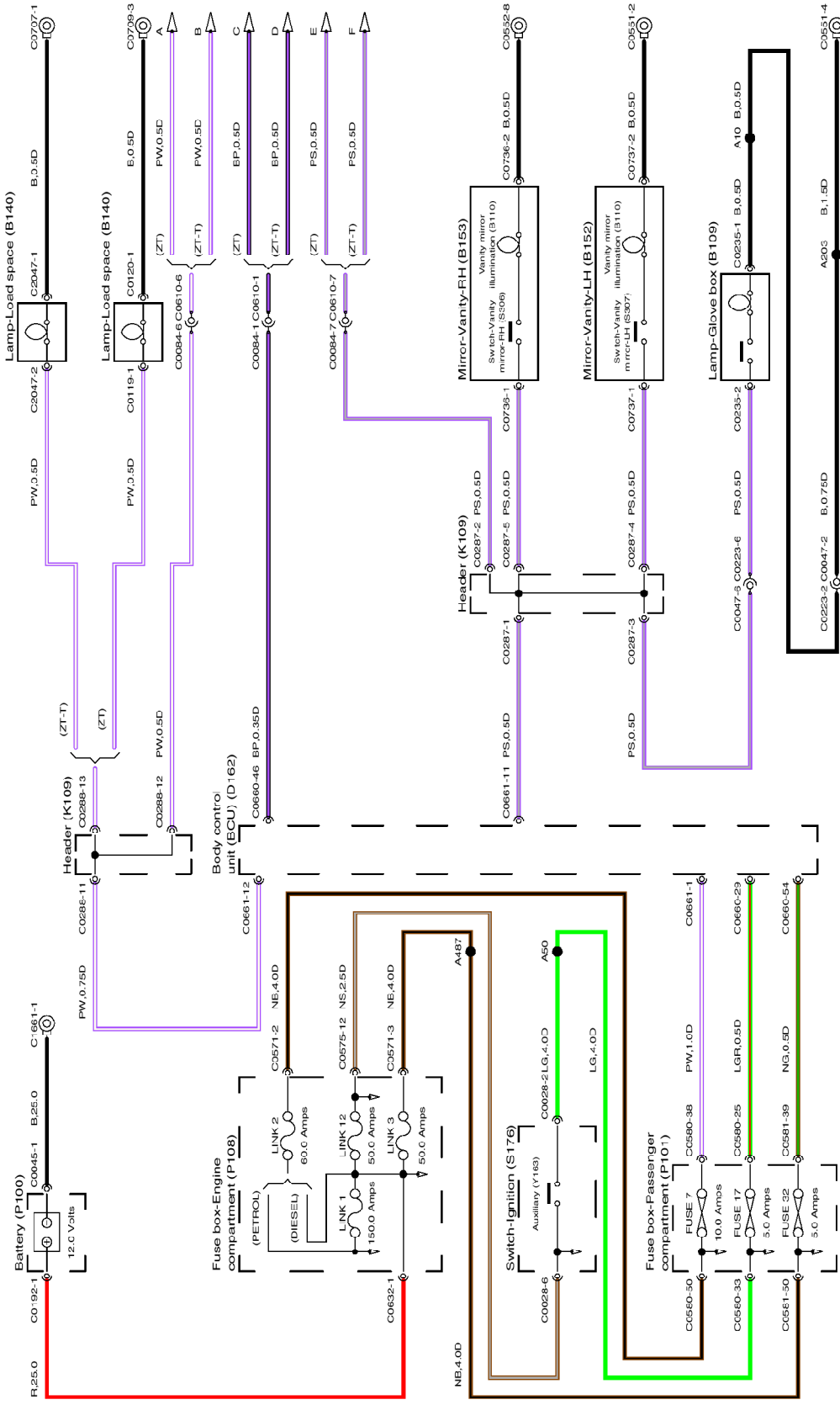
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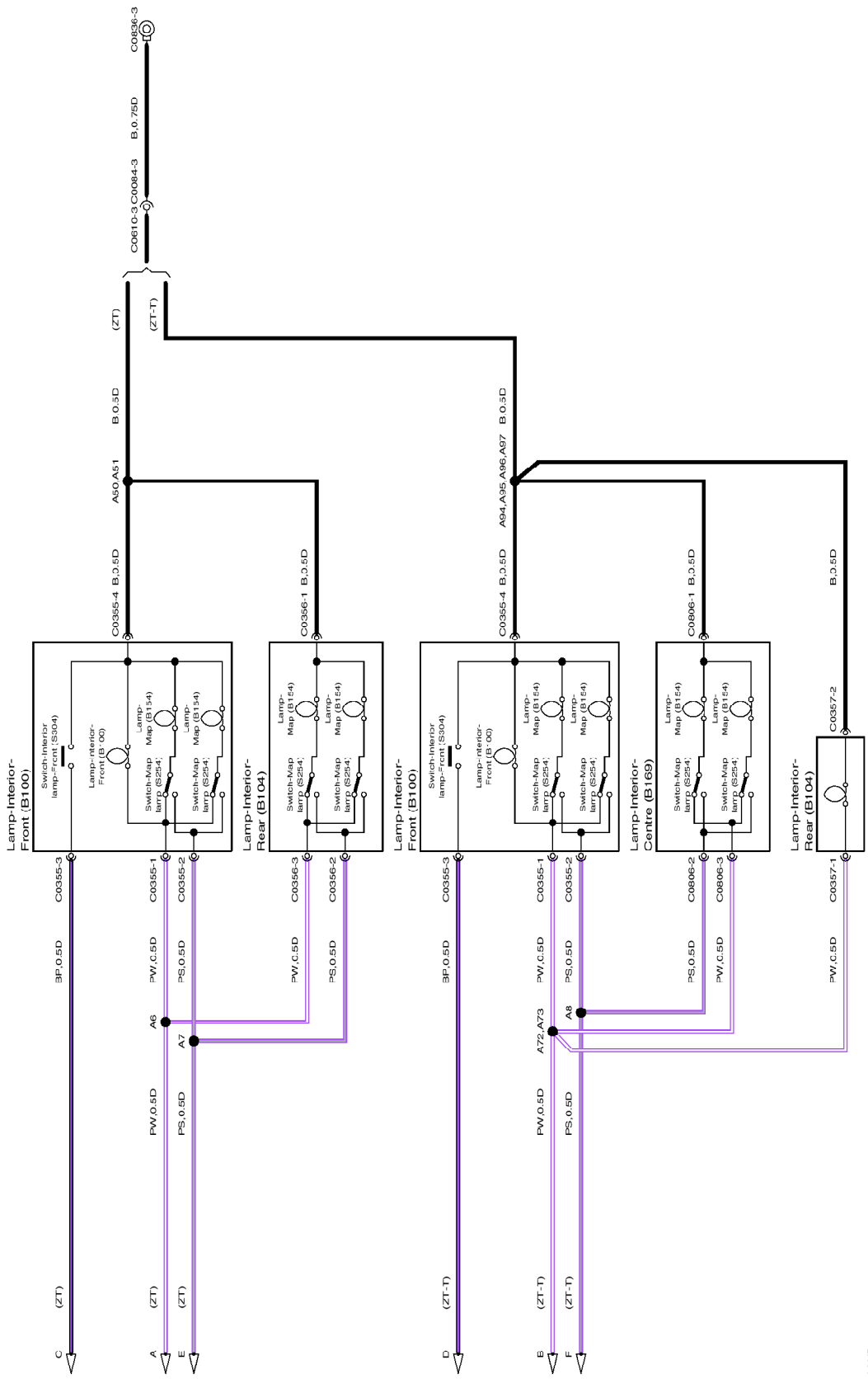
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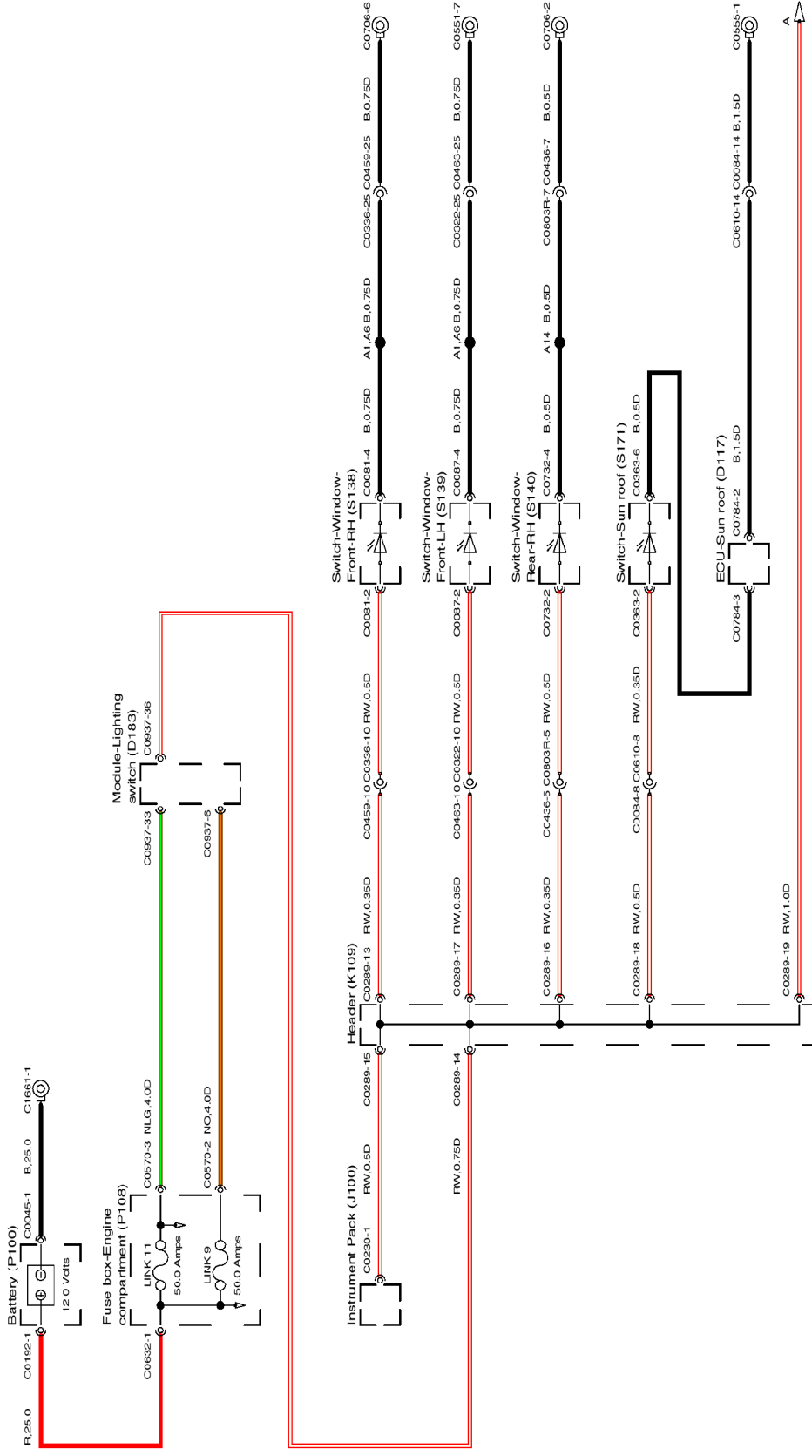
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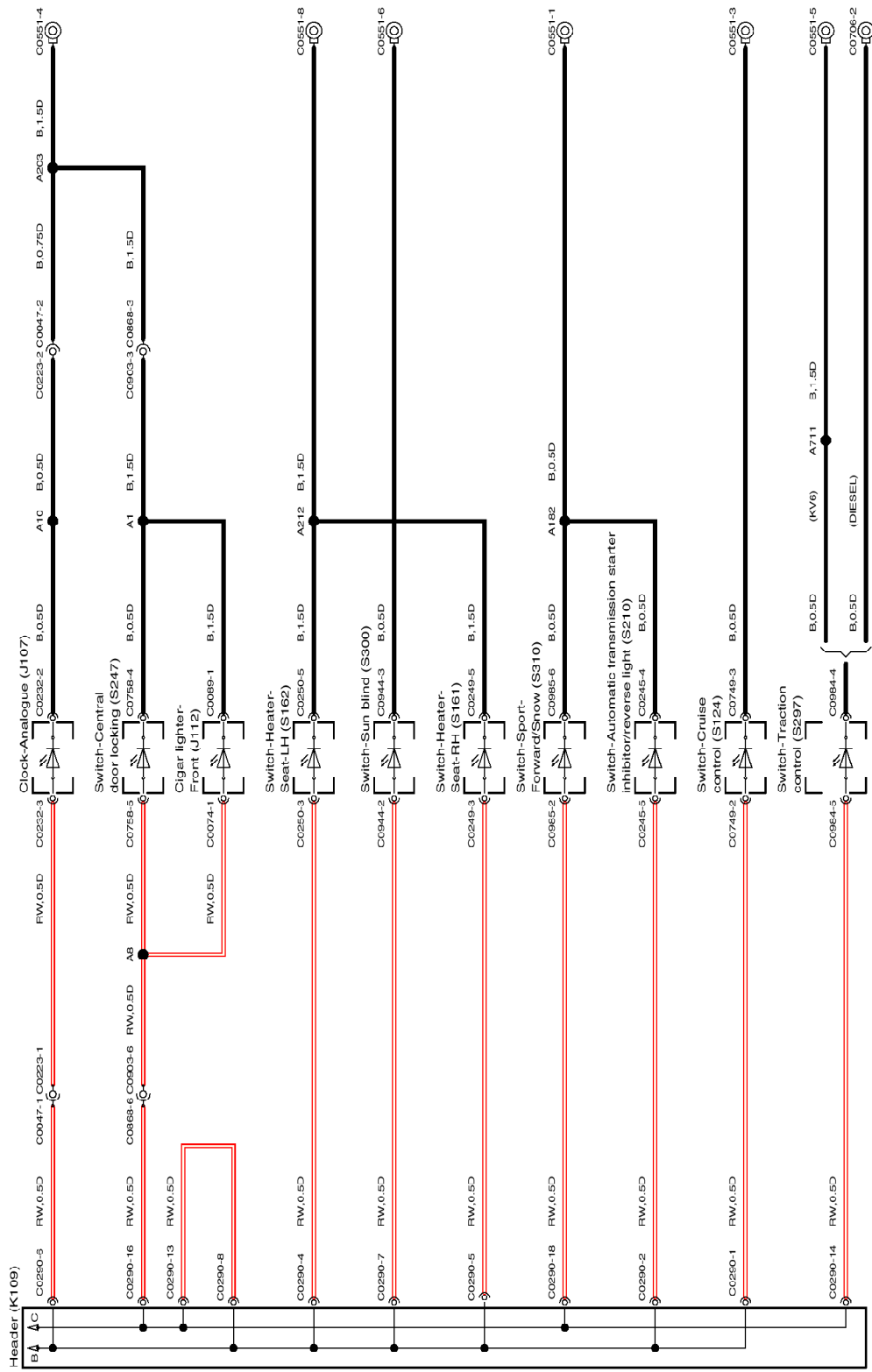
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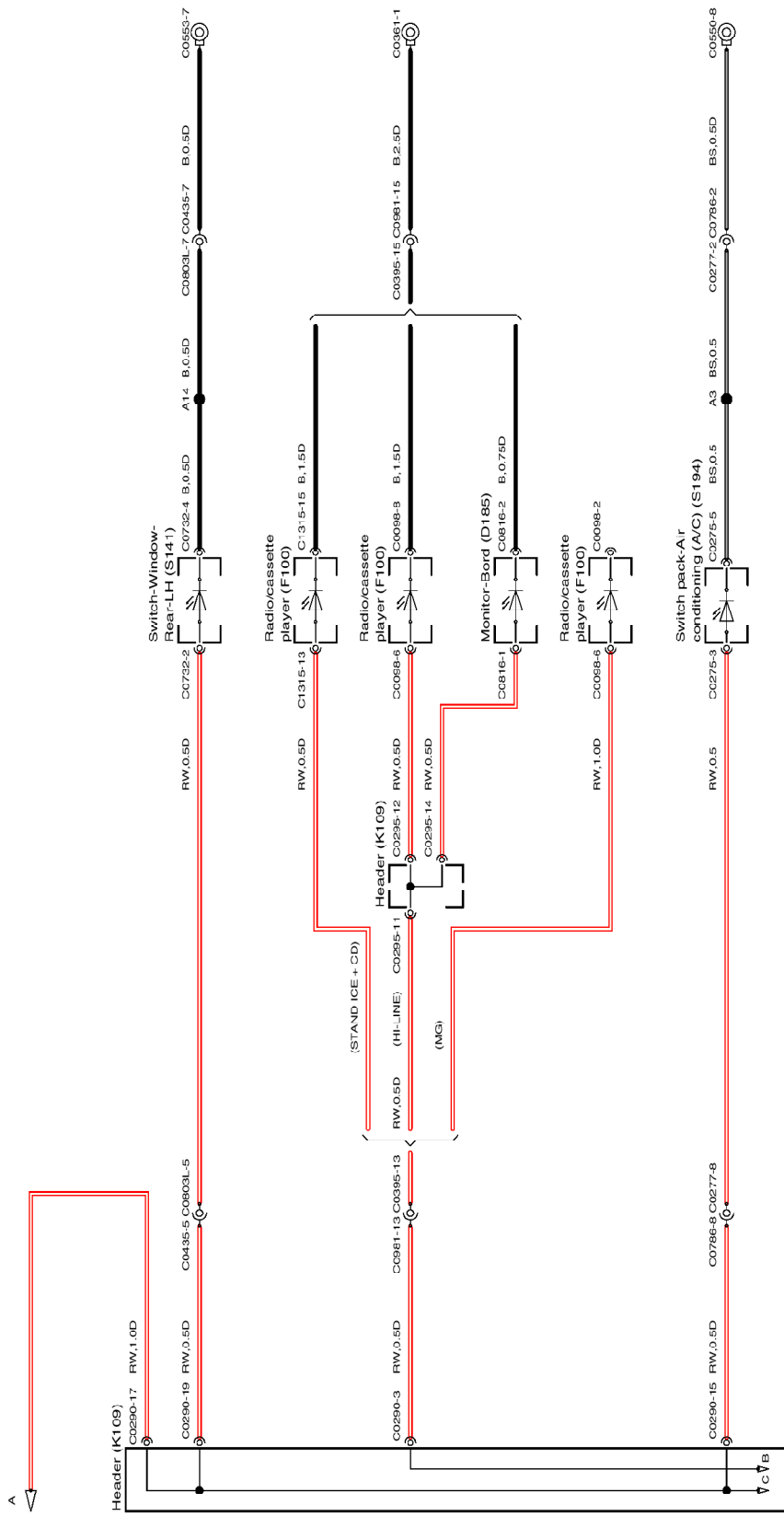
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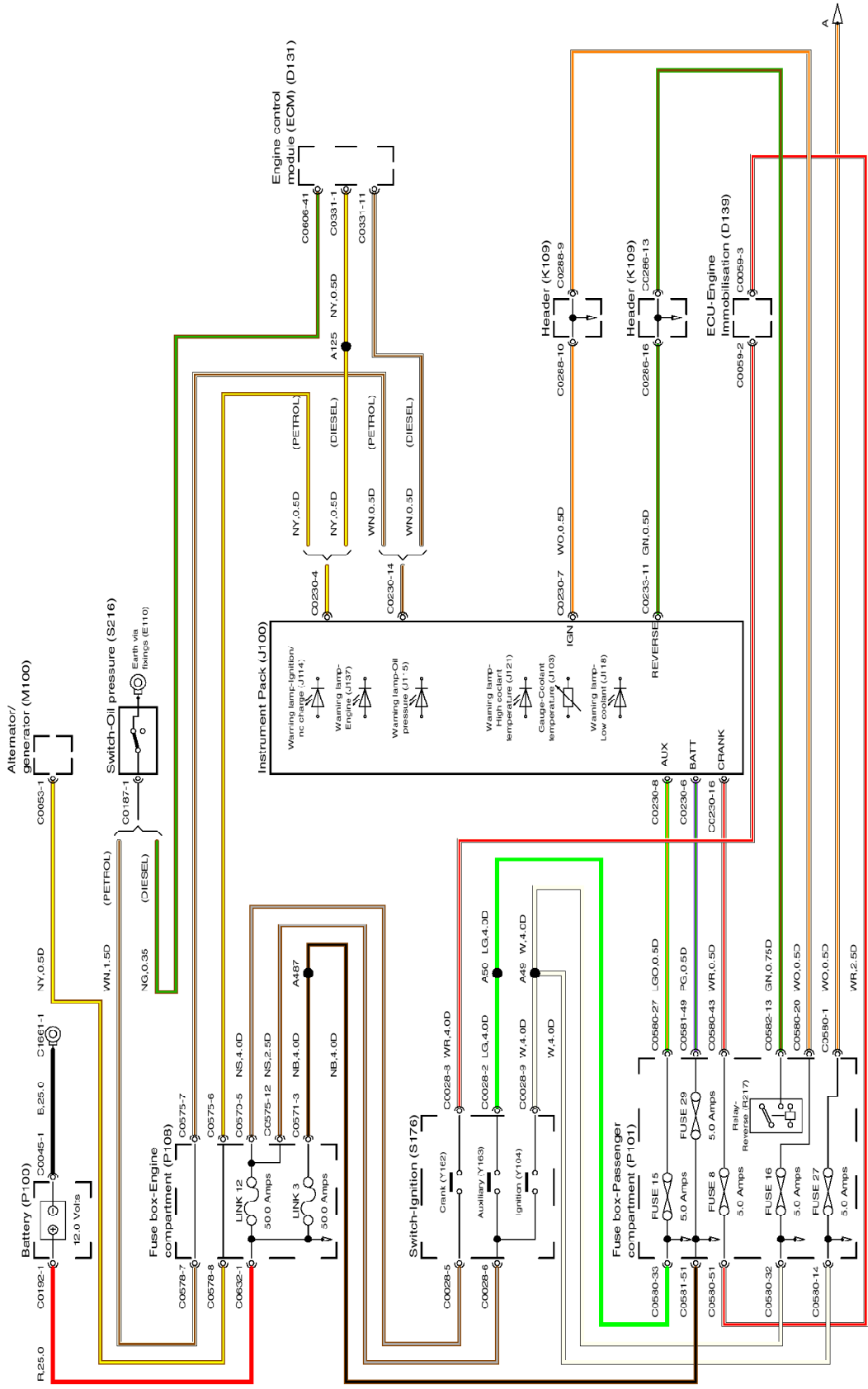
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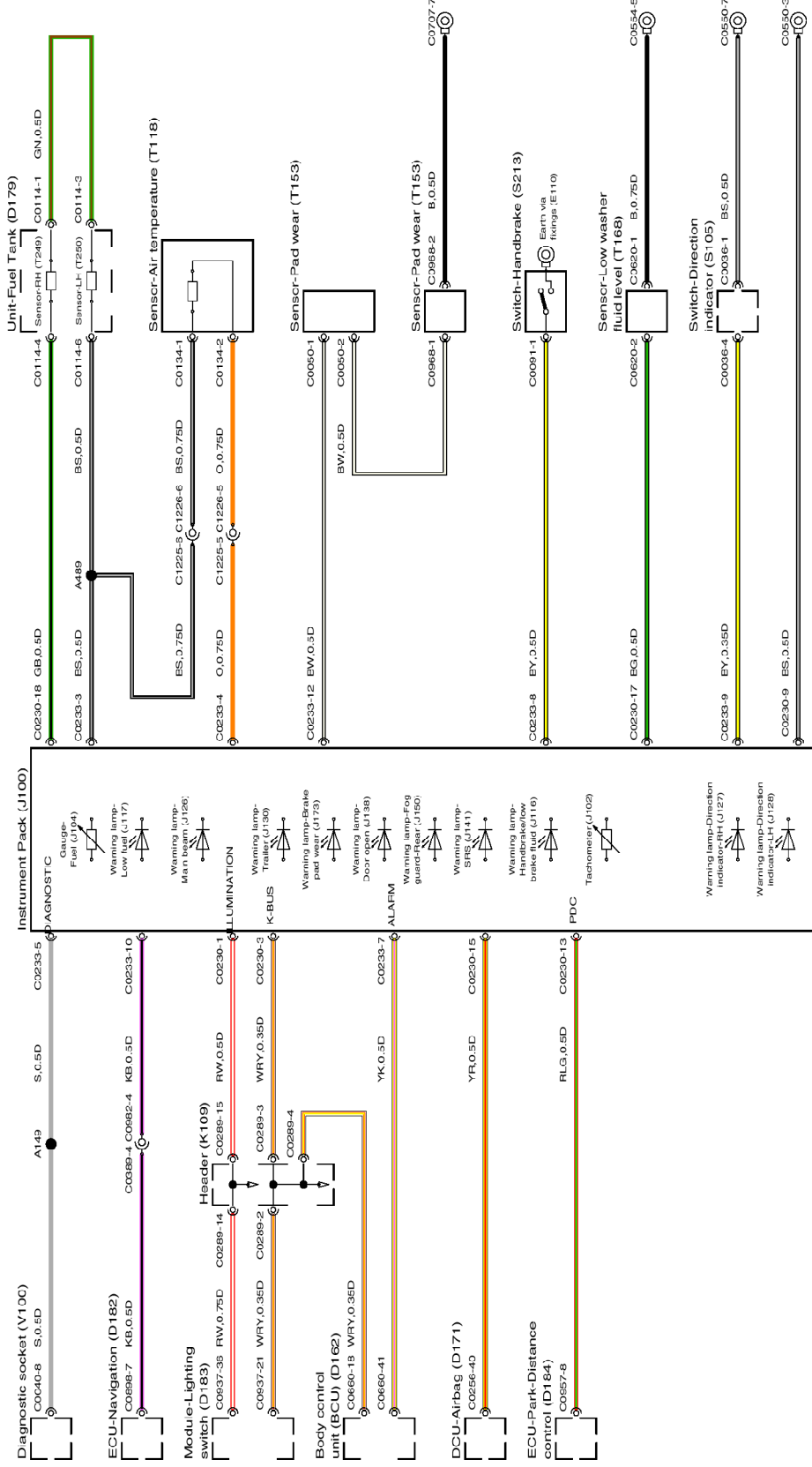
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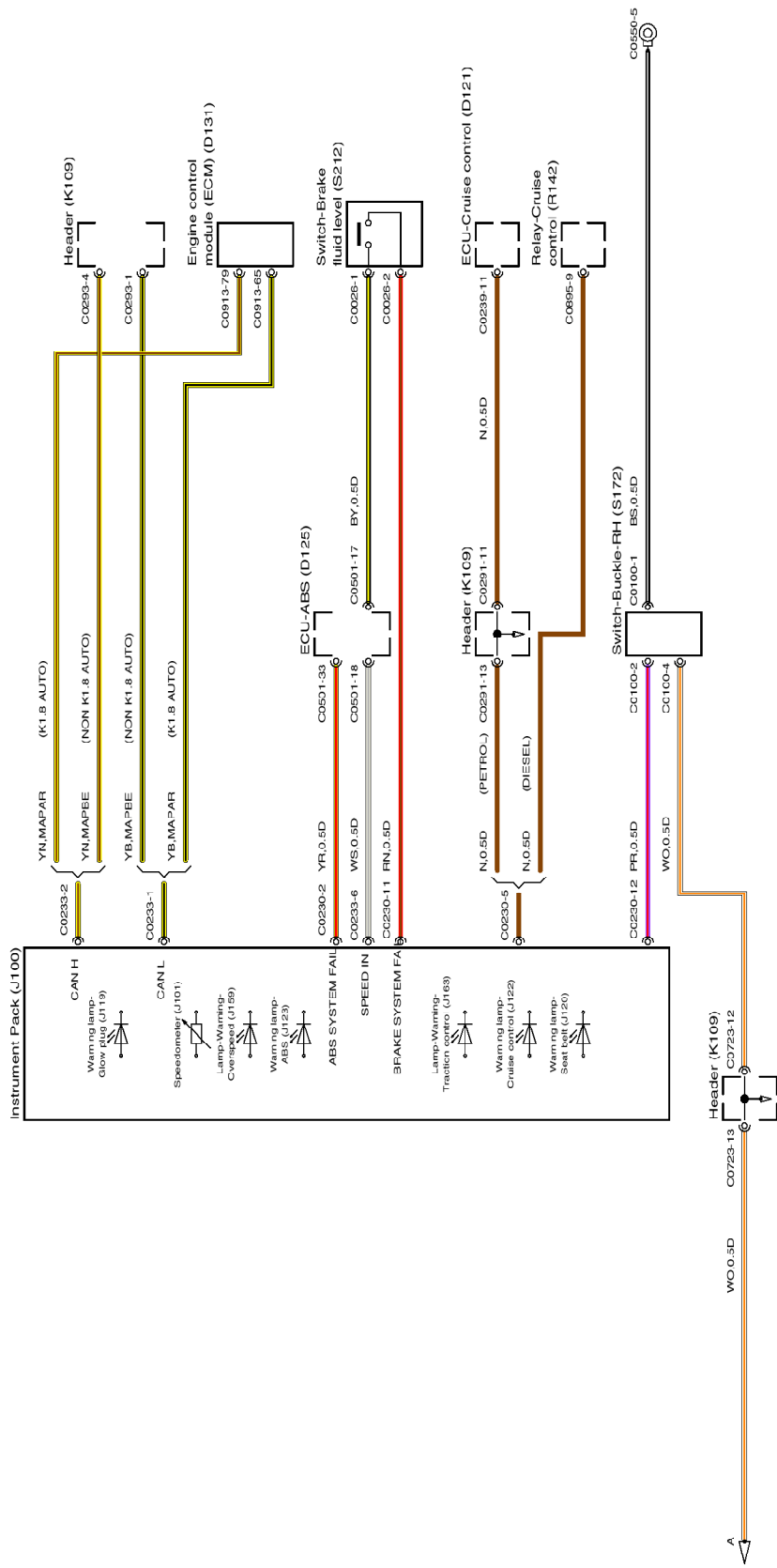
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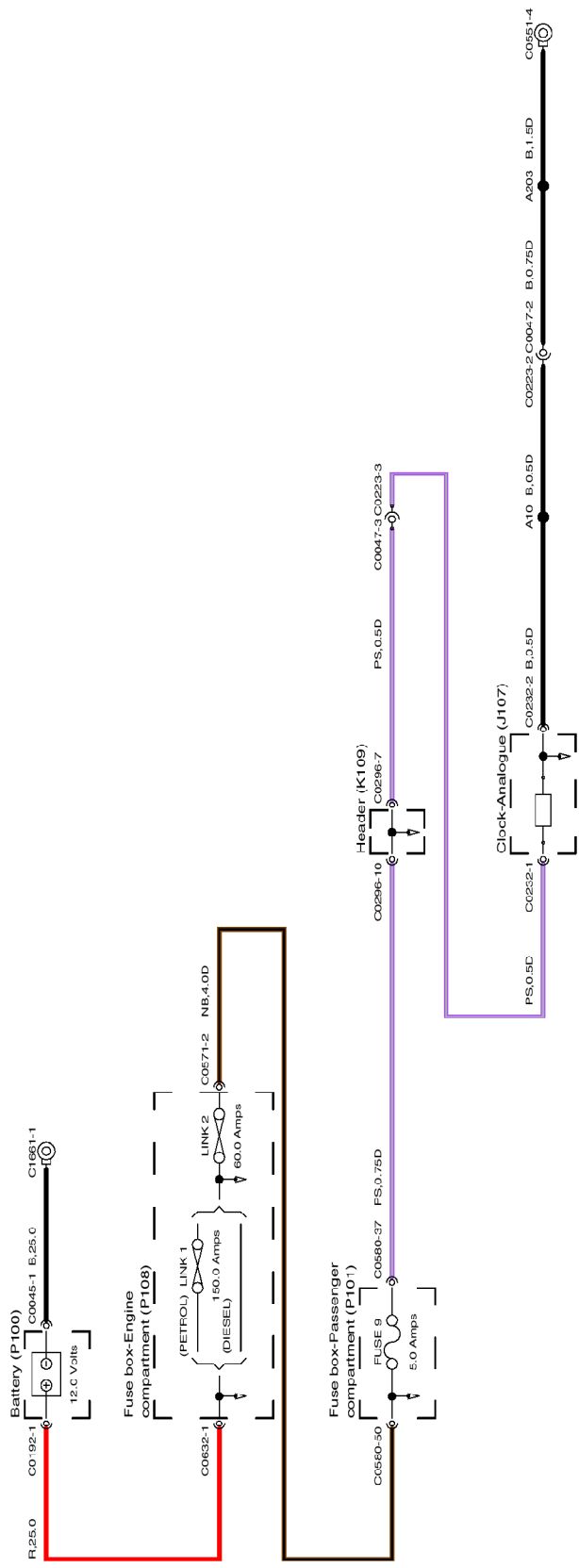
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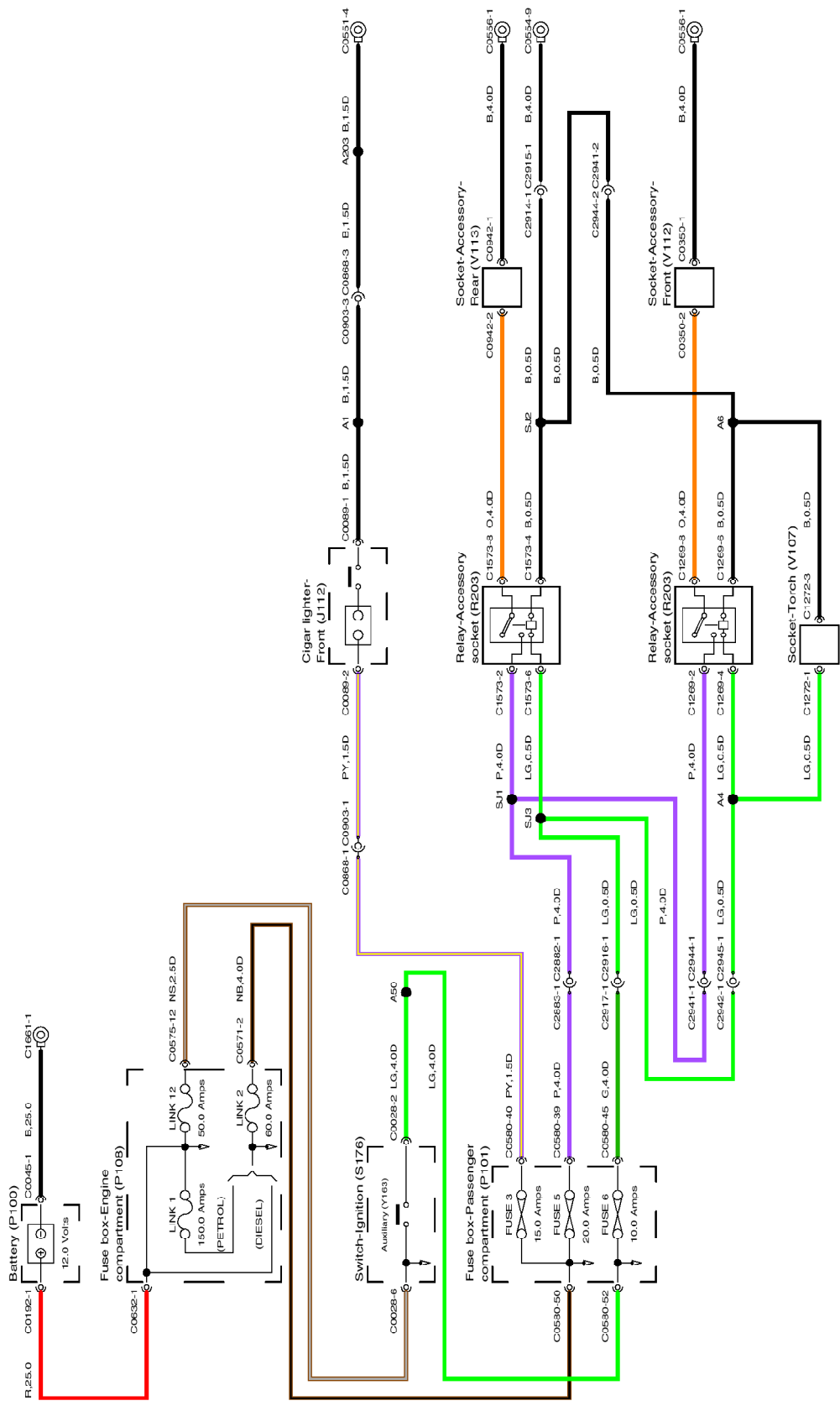
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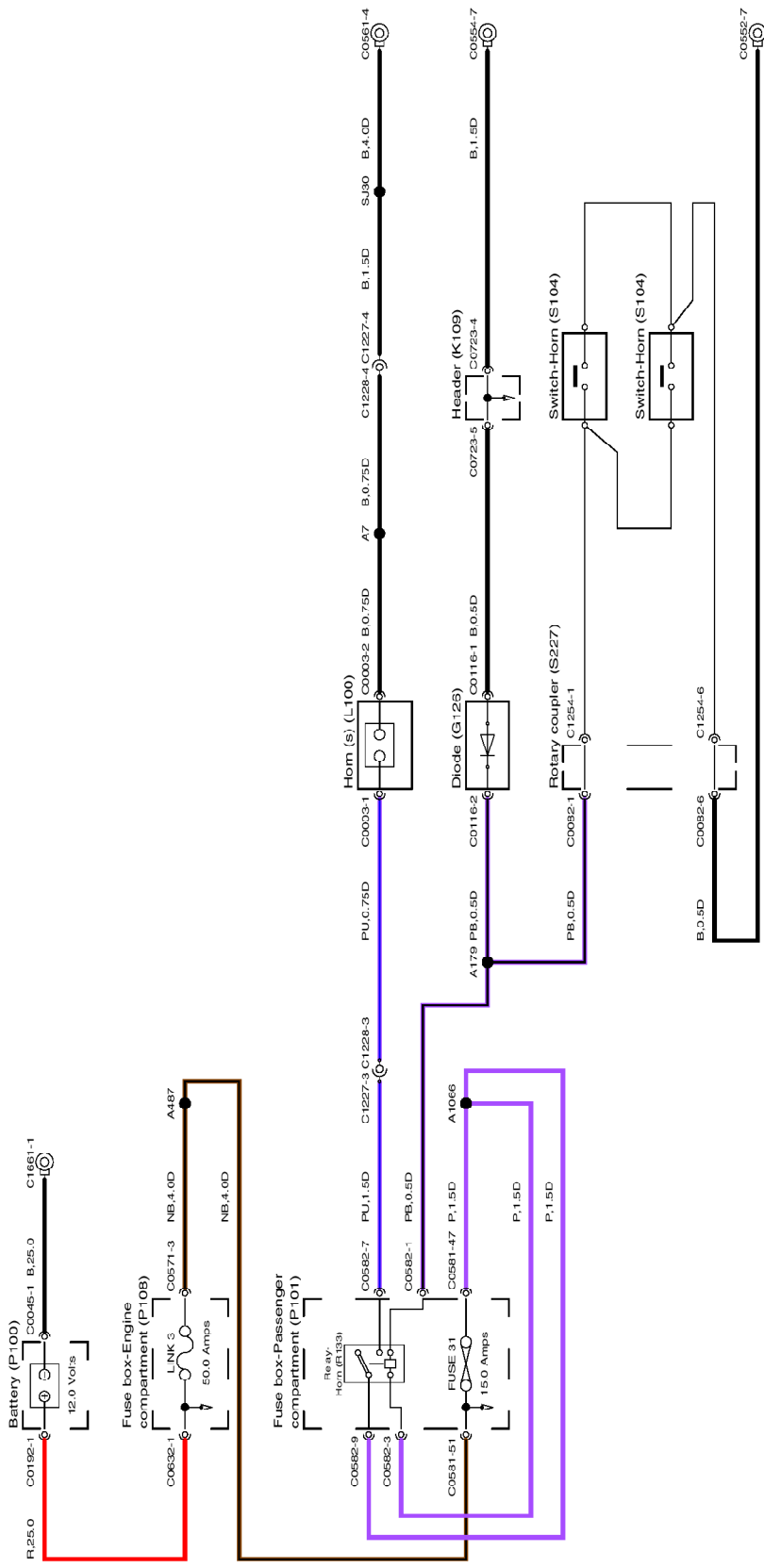
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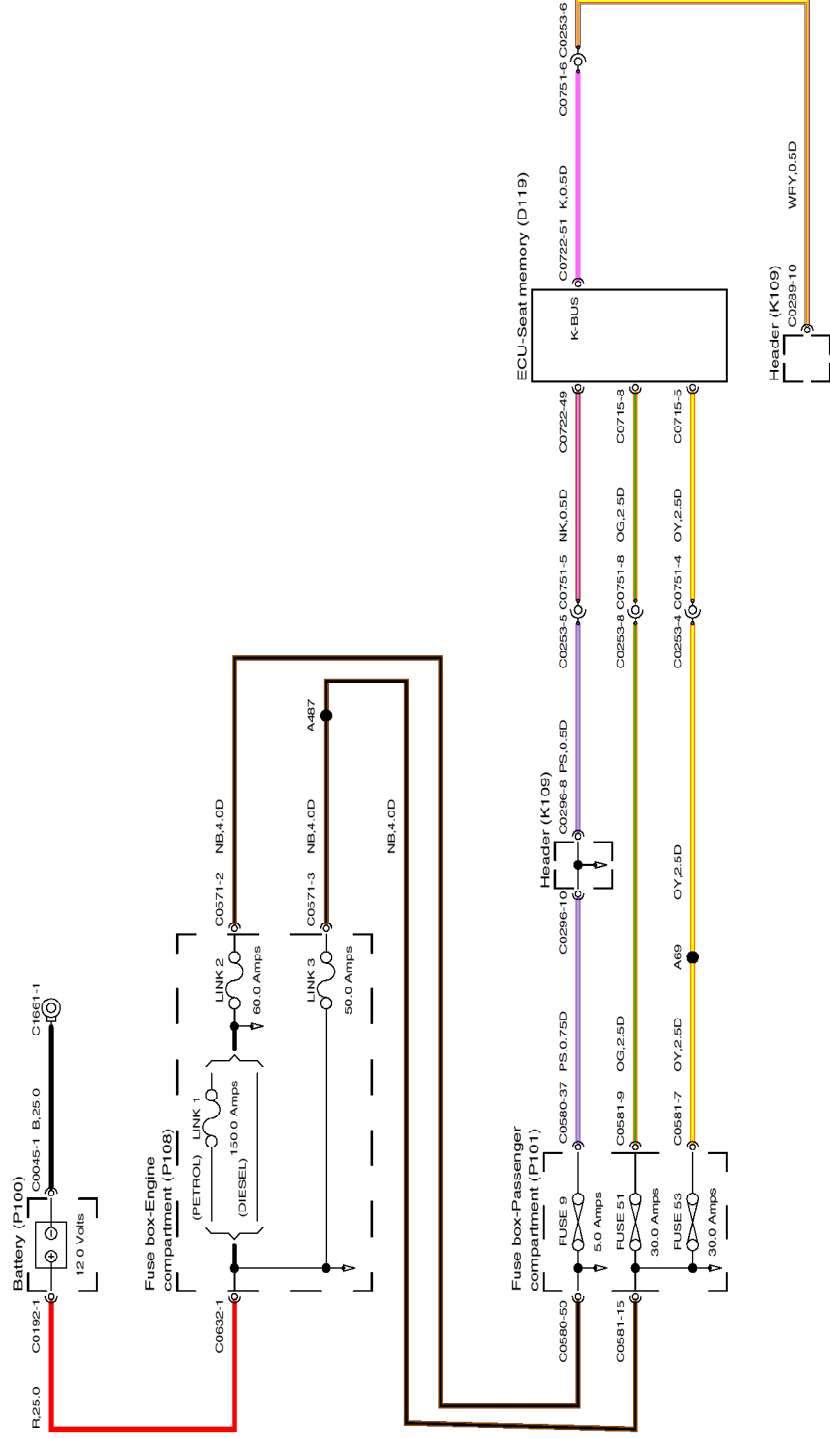
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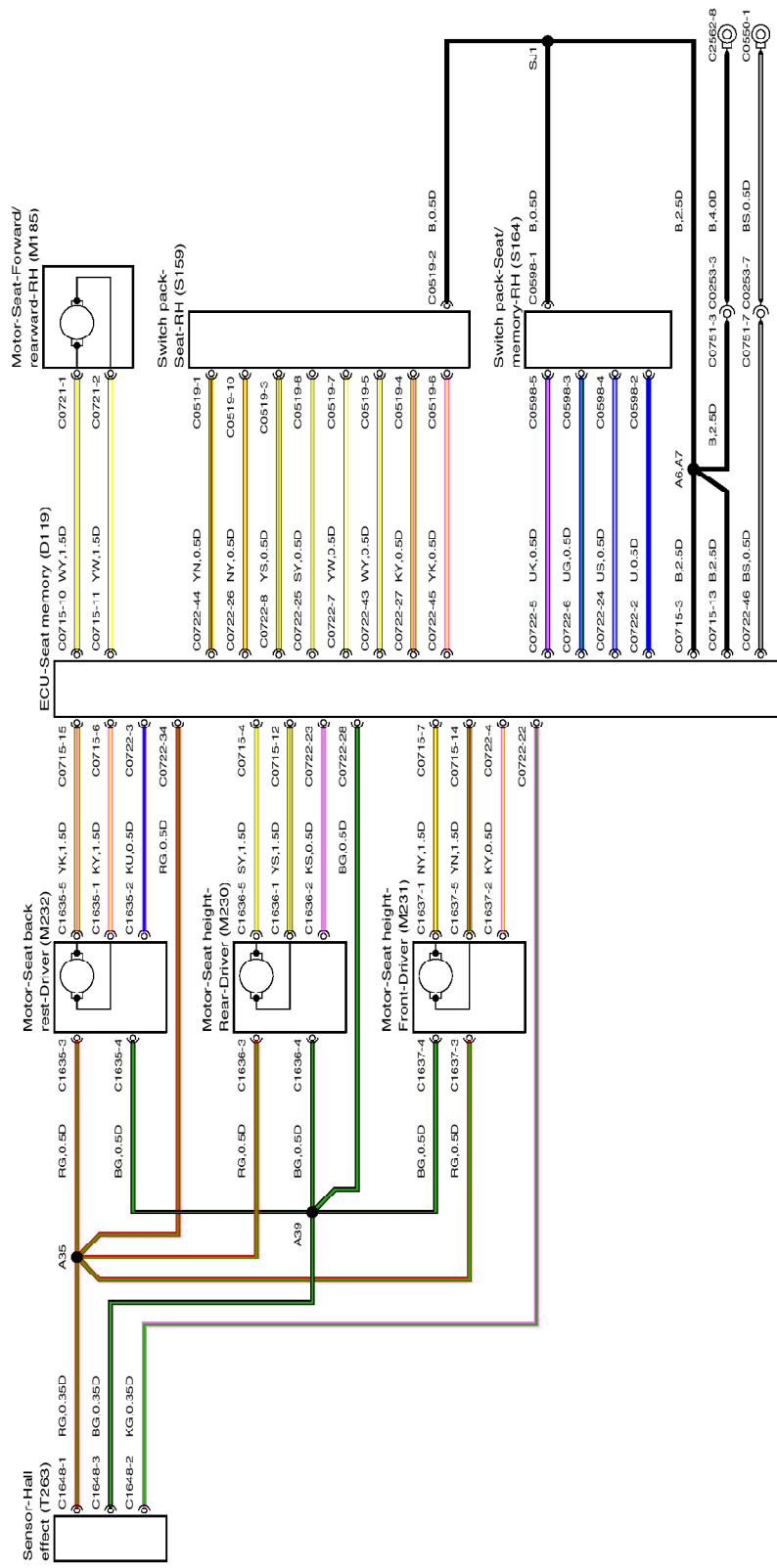
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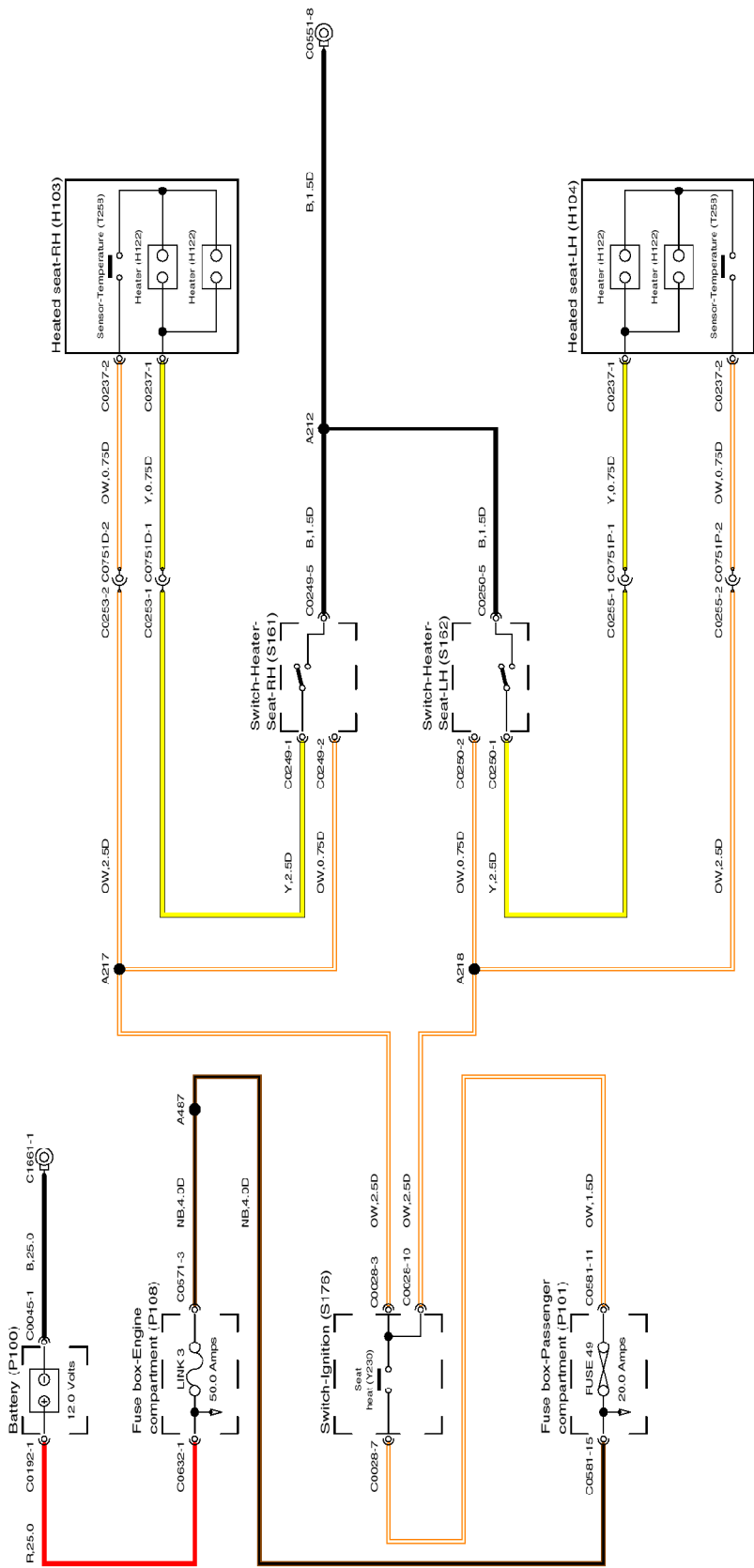
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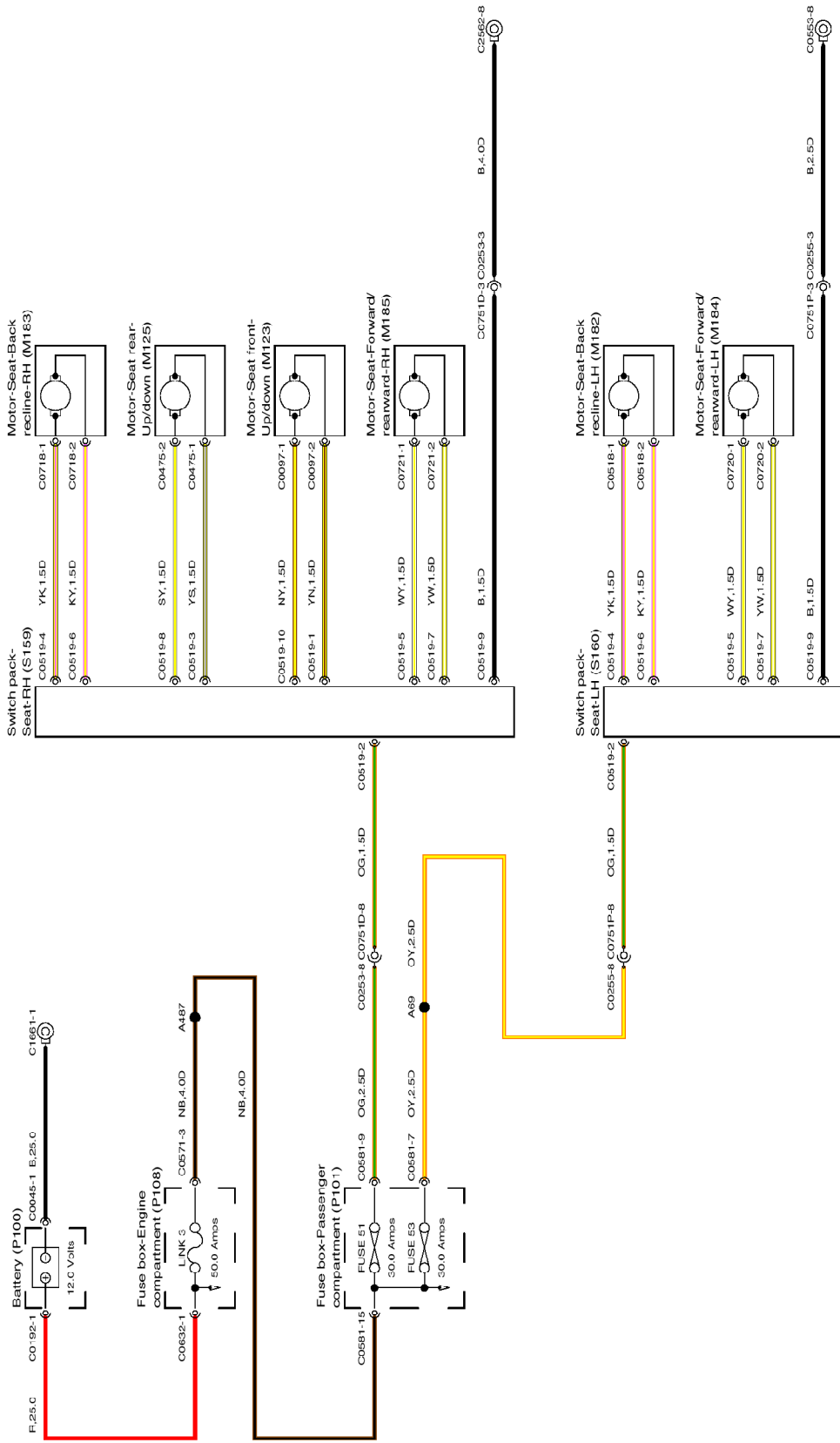
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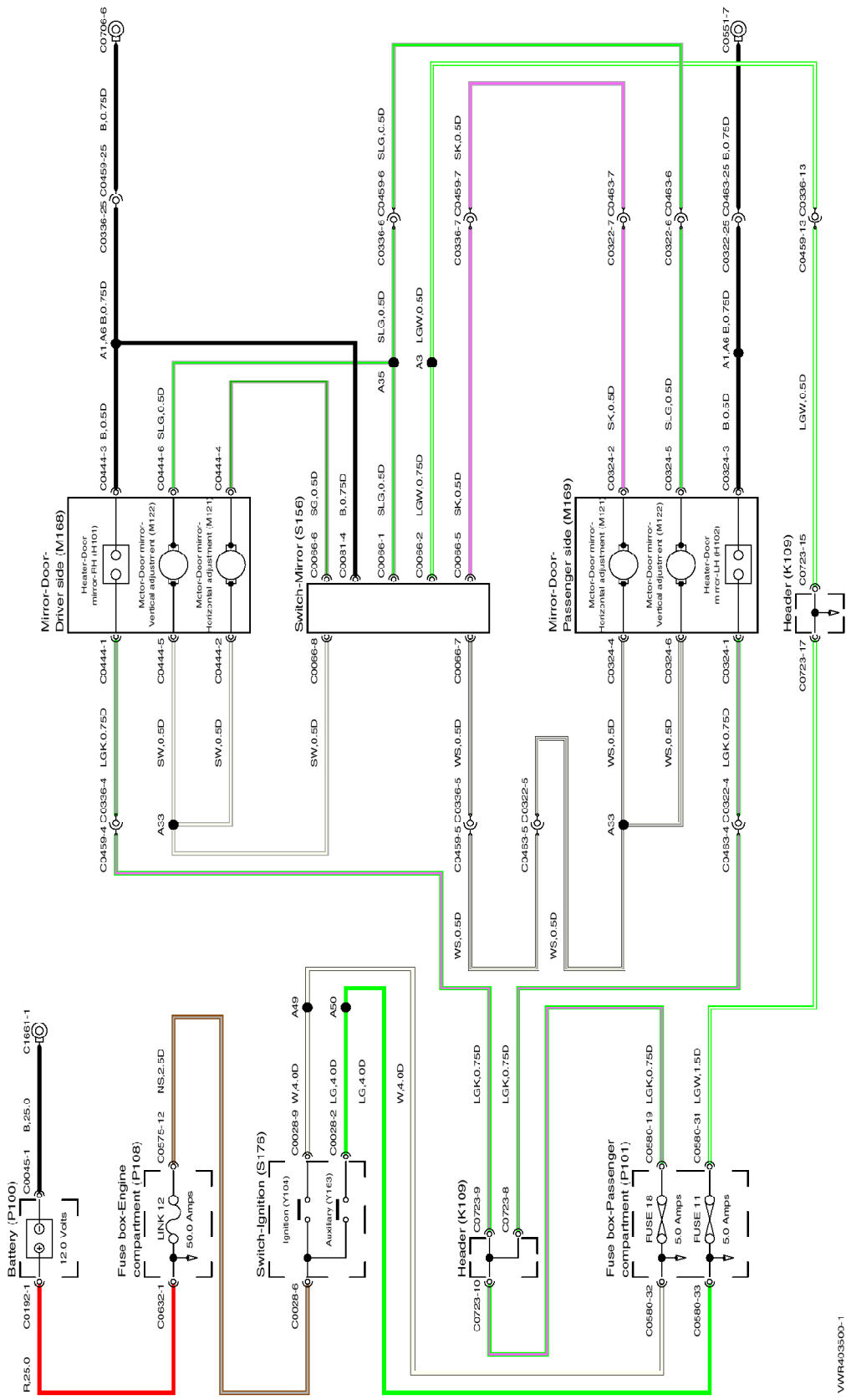


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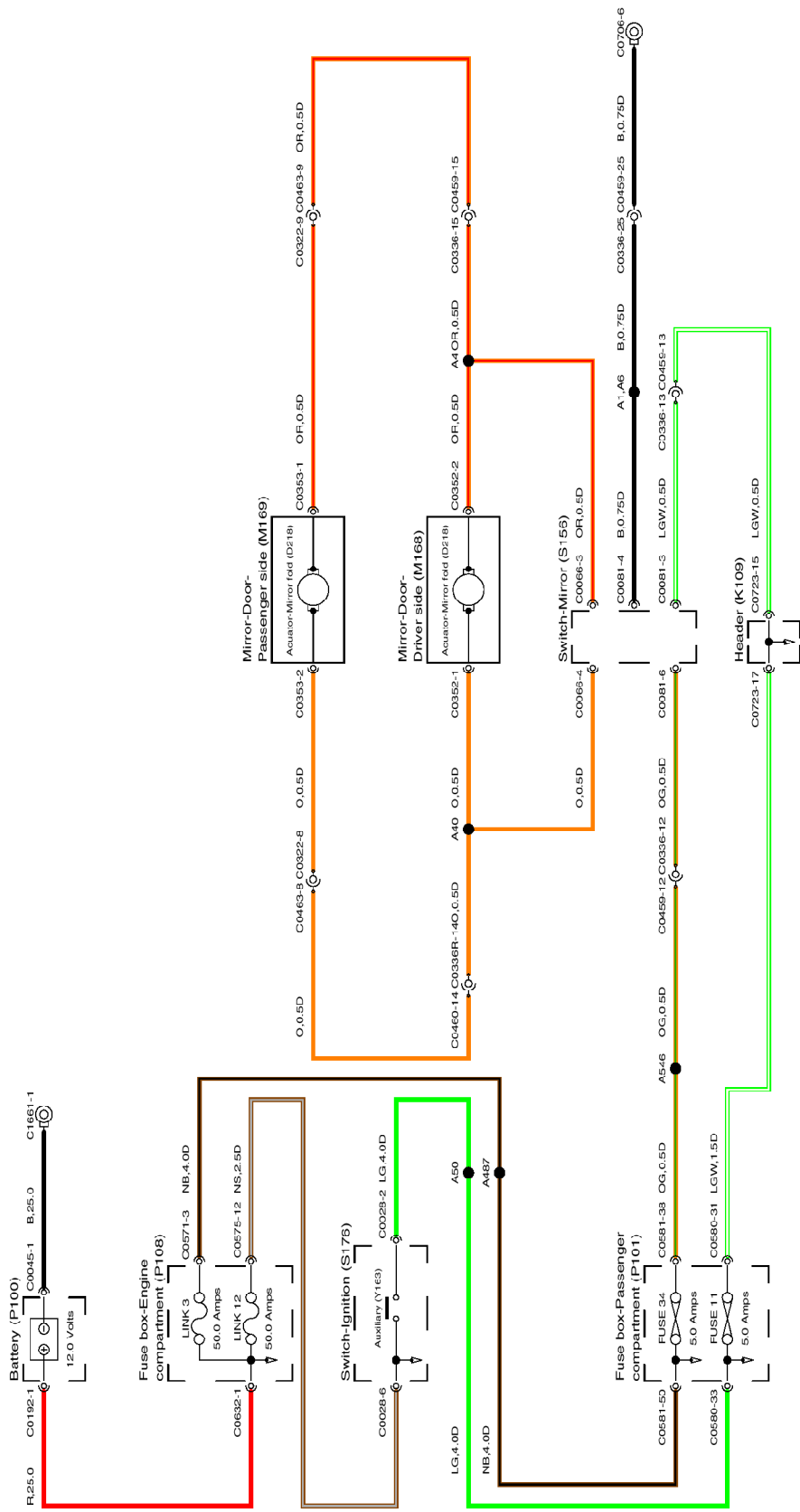


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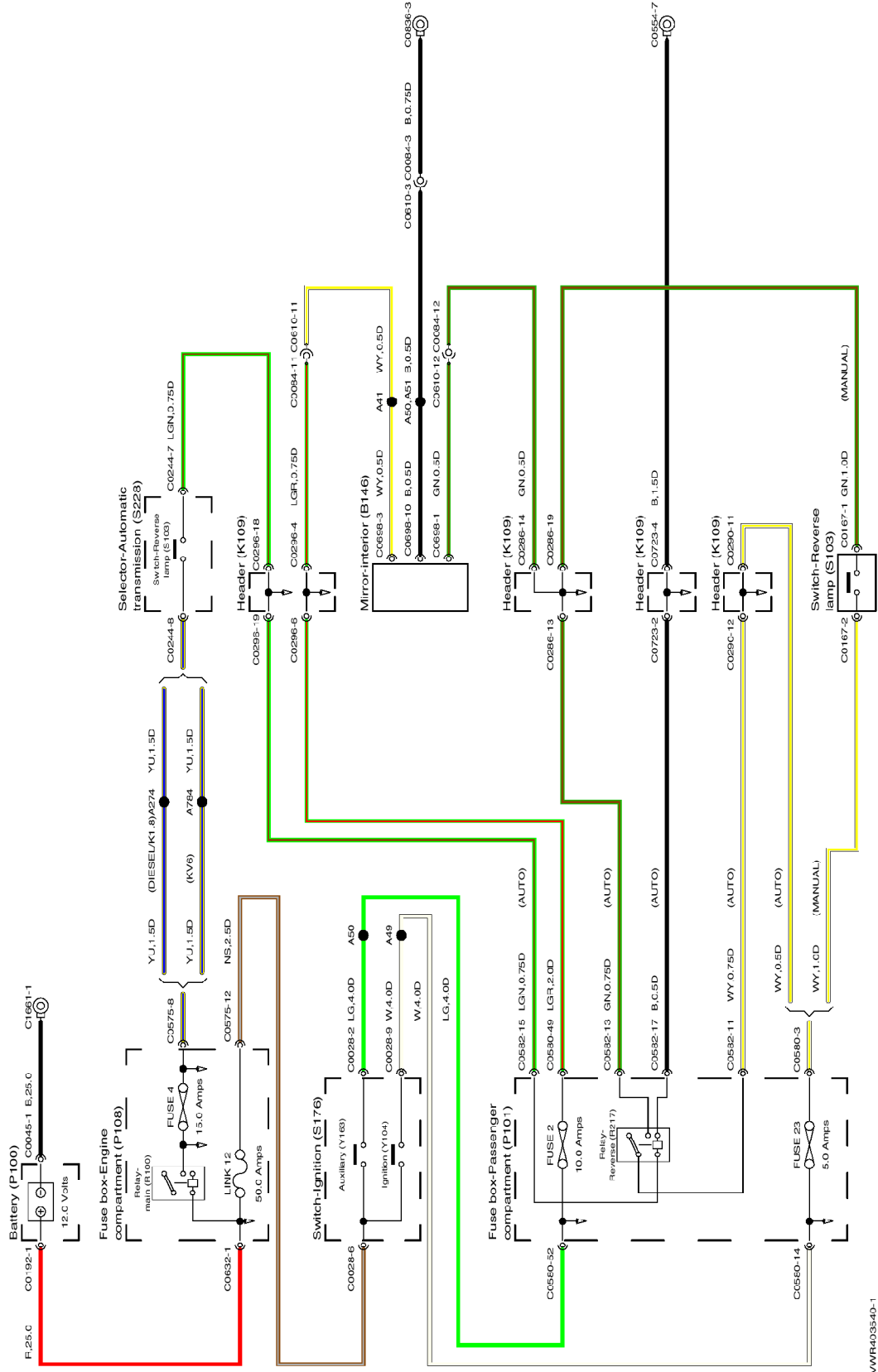
140 DOOR MIRRORS



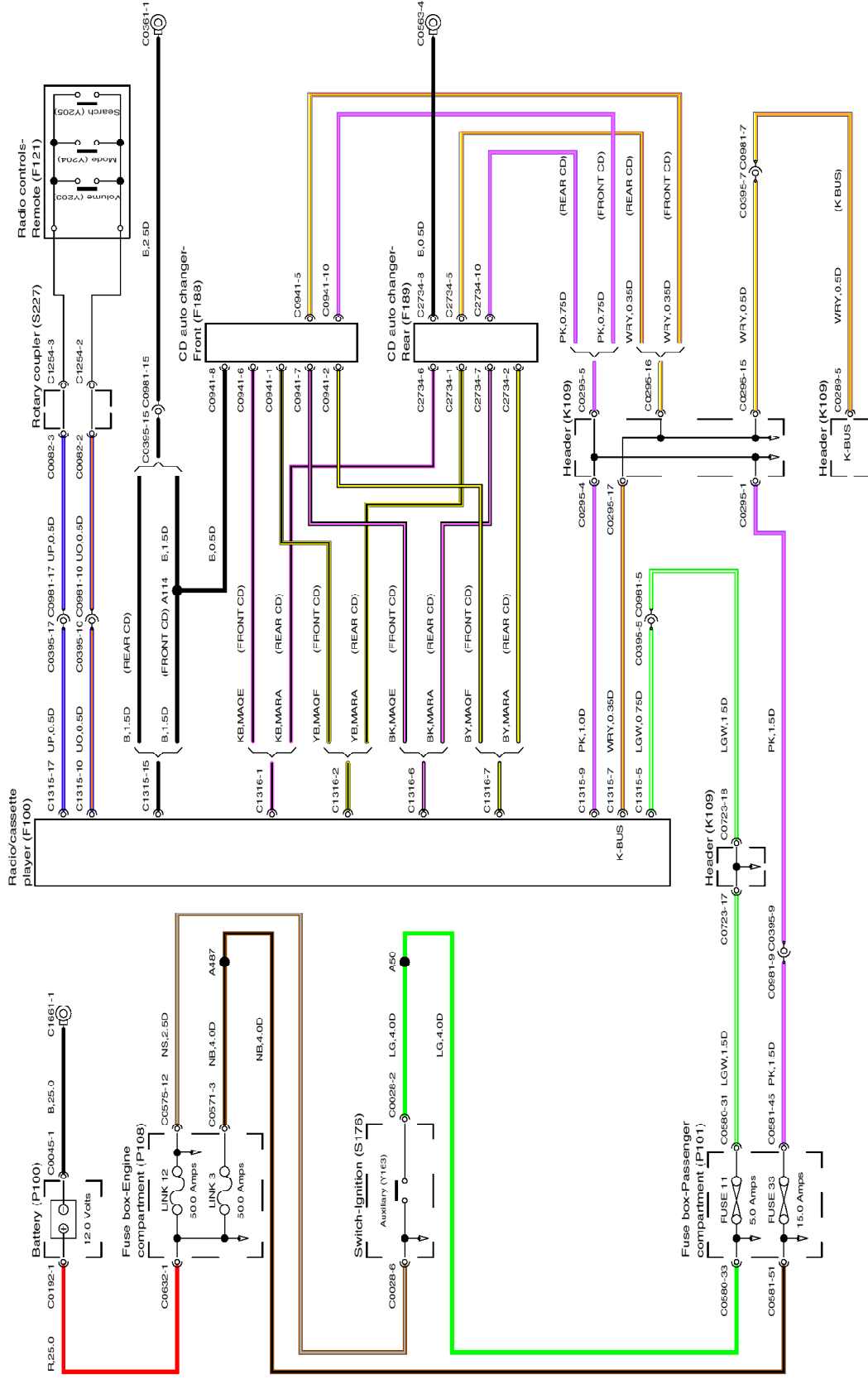
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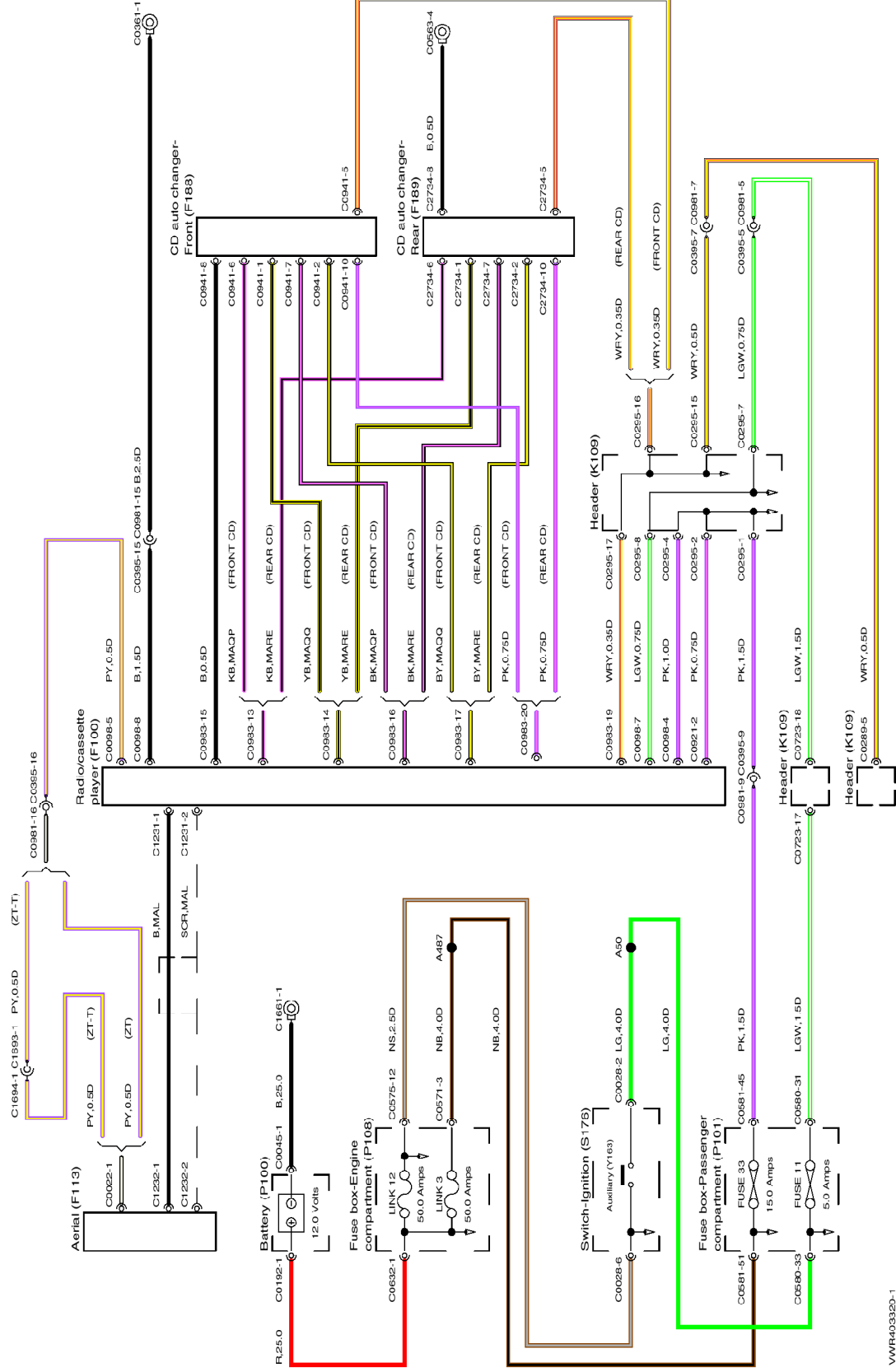
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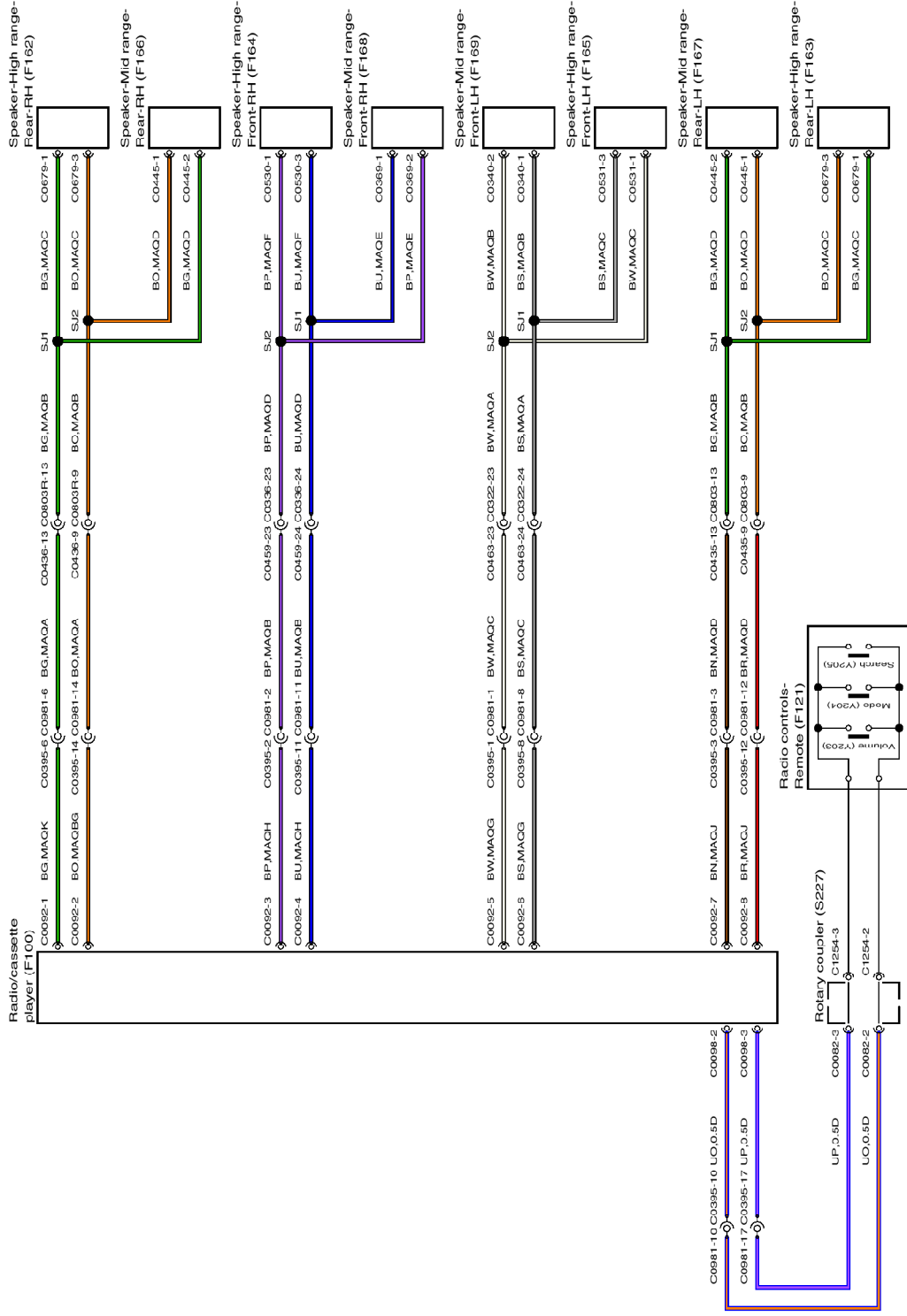
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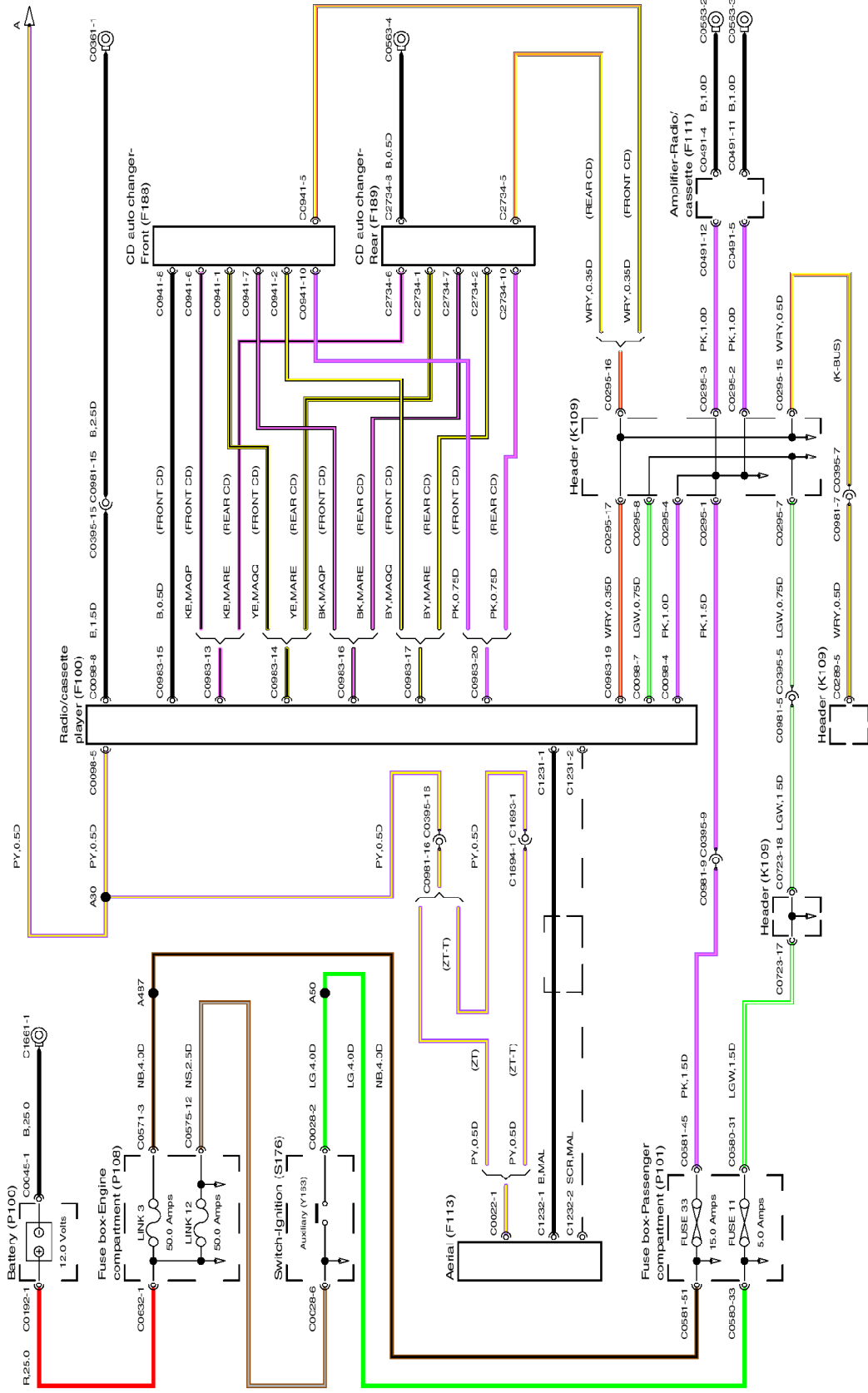
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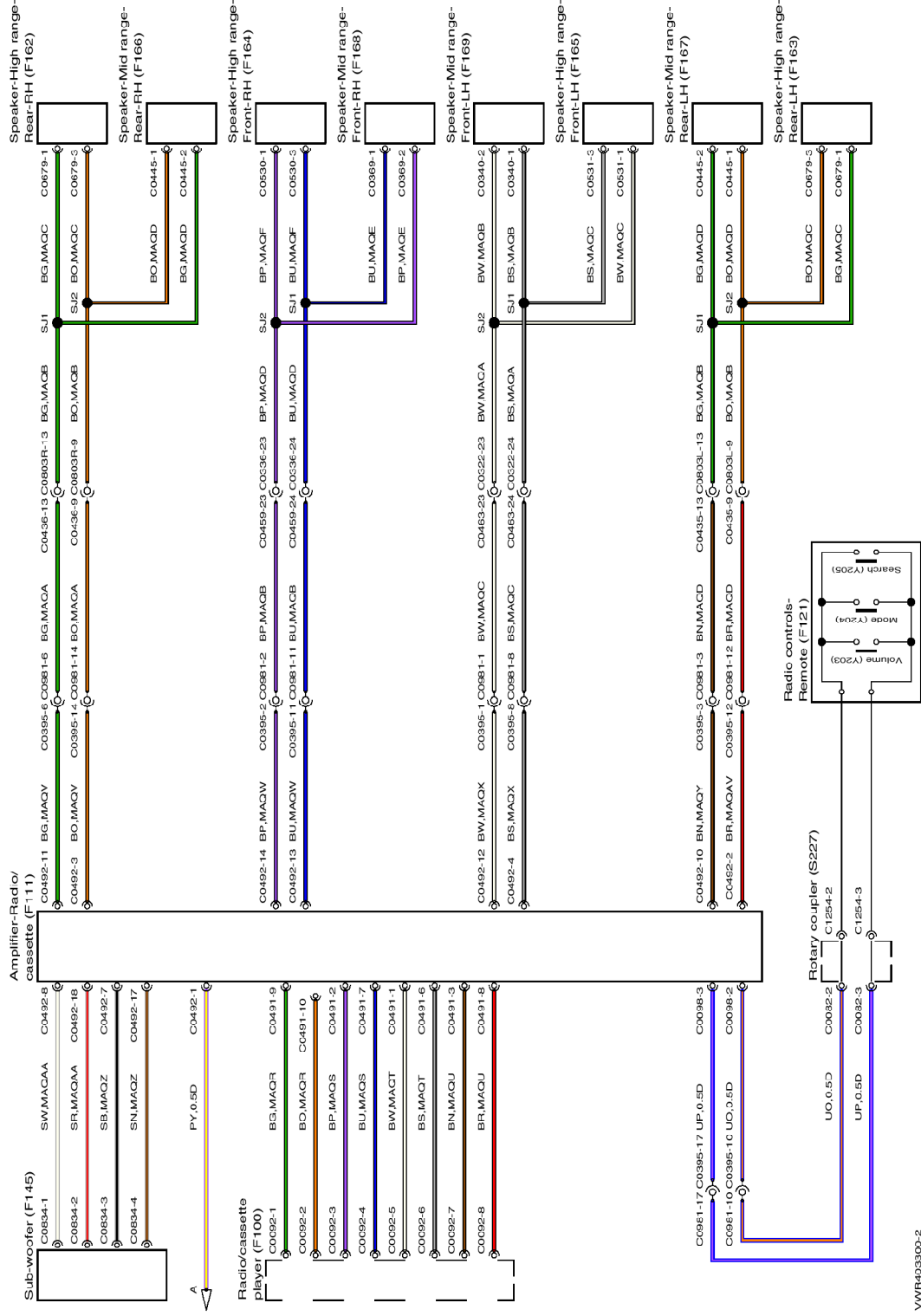
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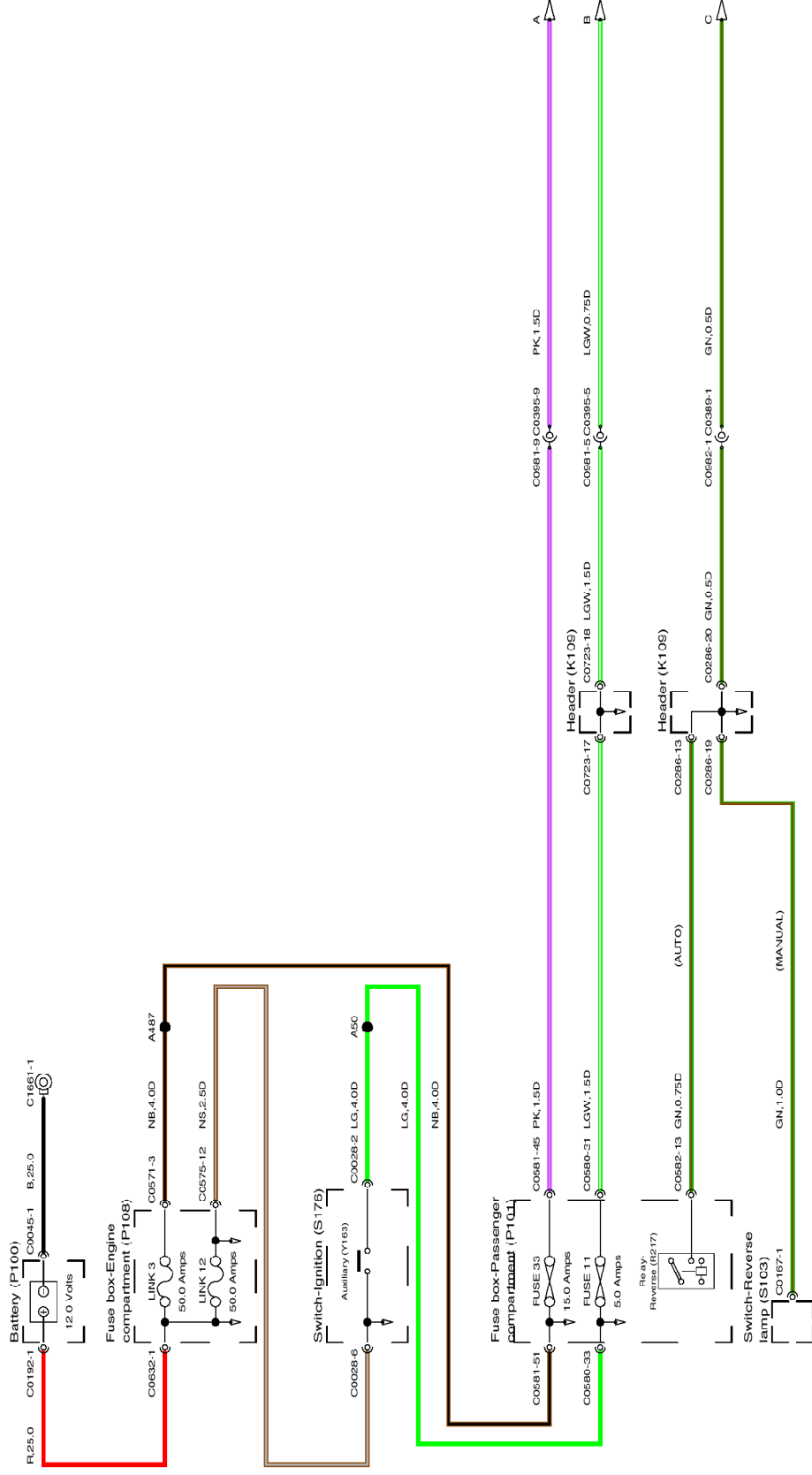
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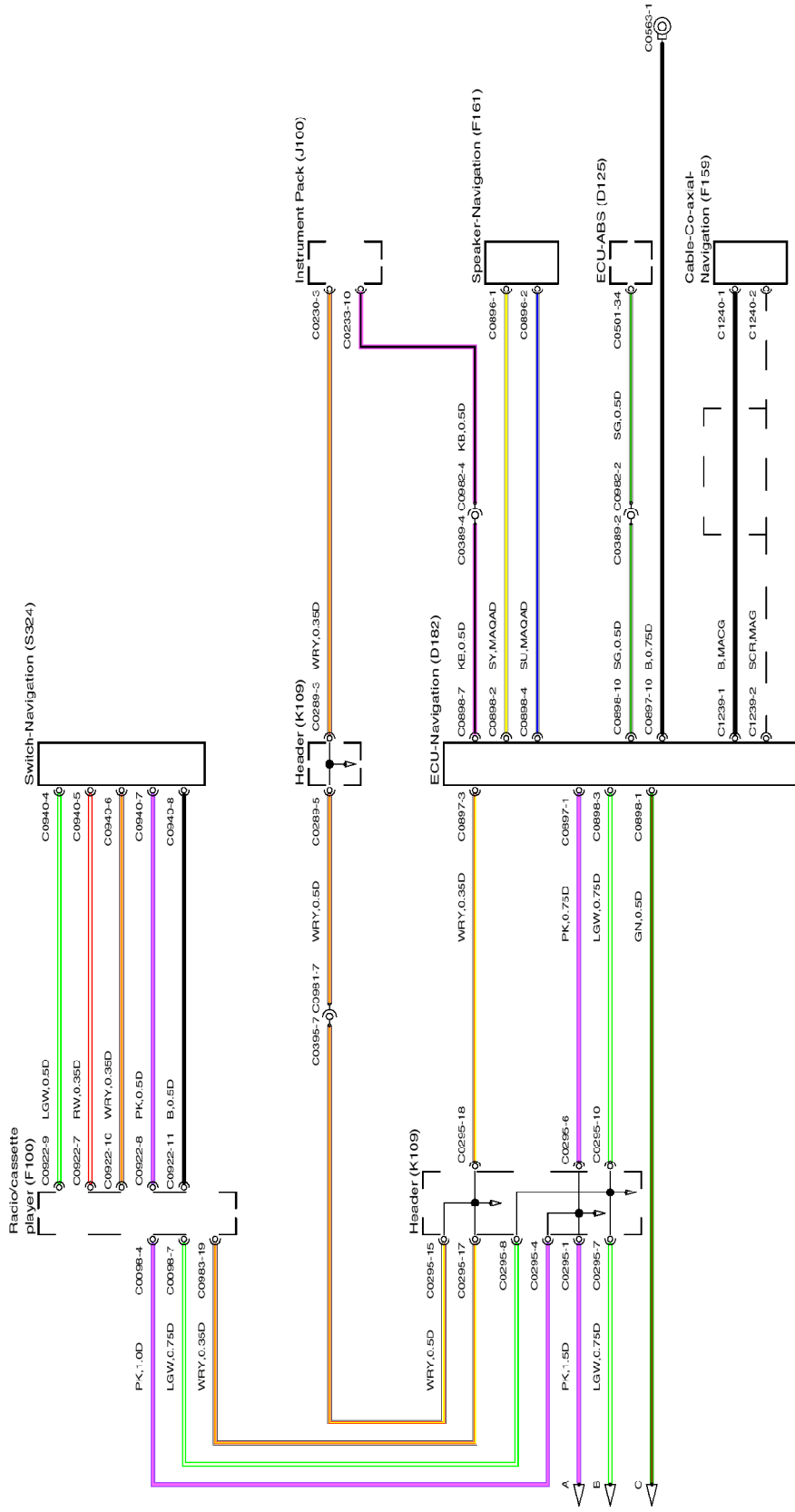
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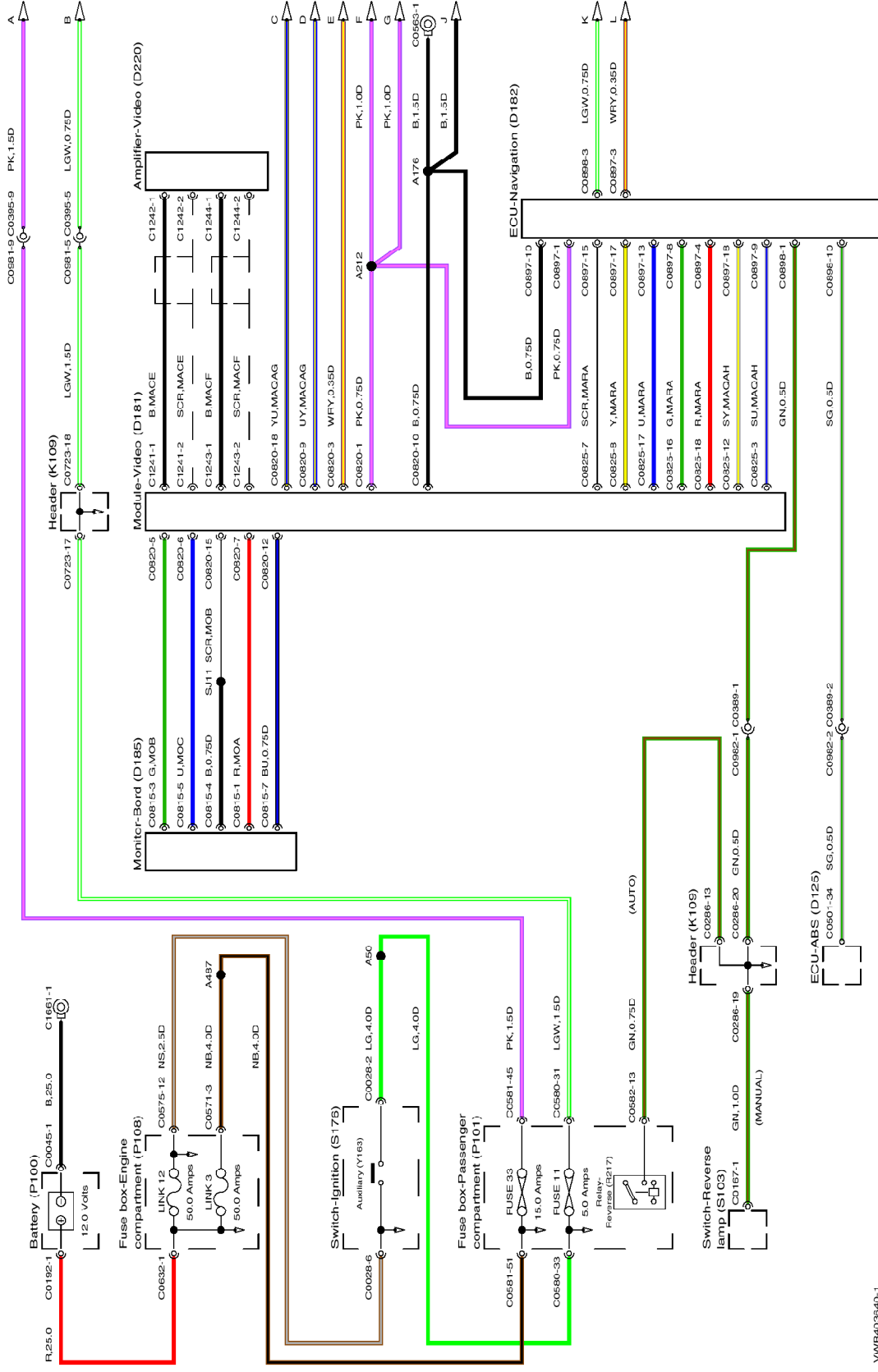
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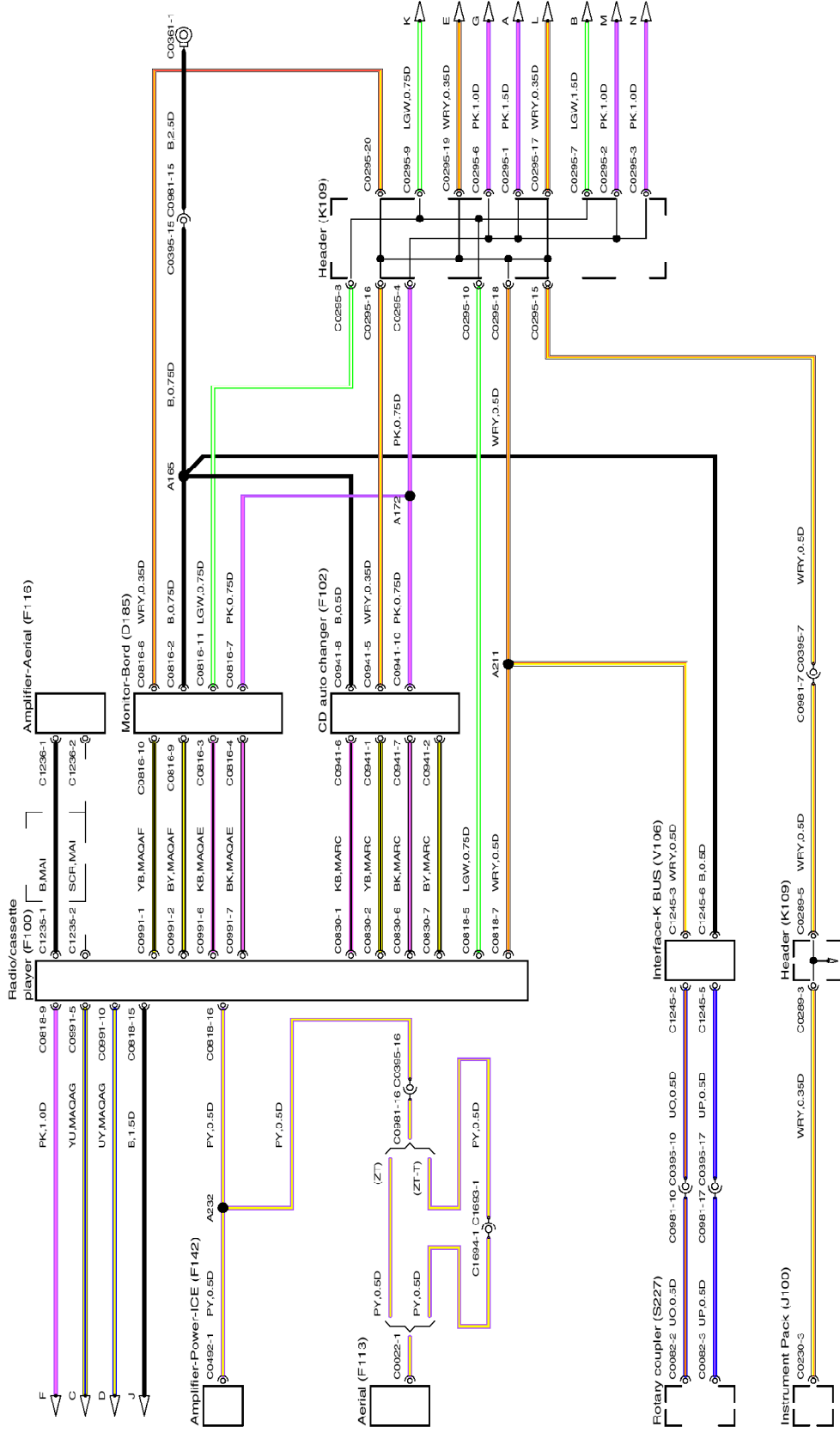
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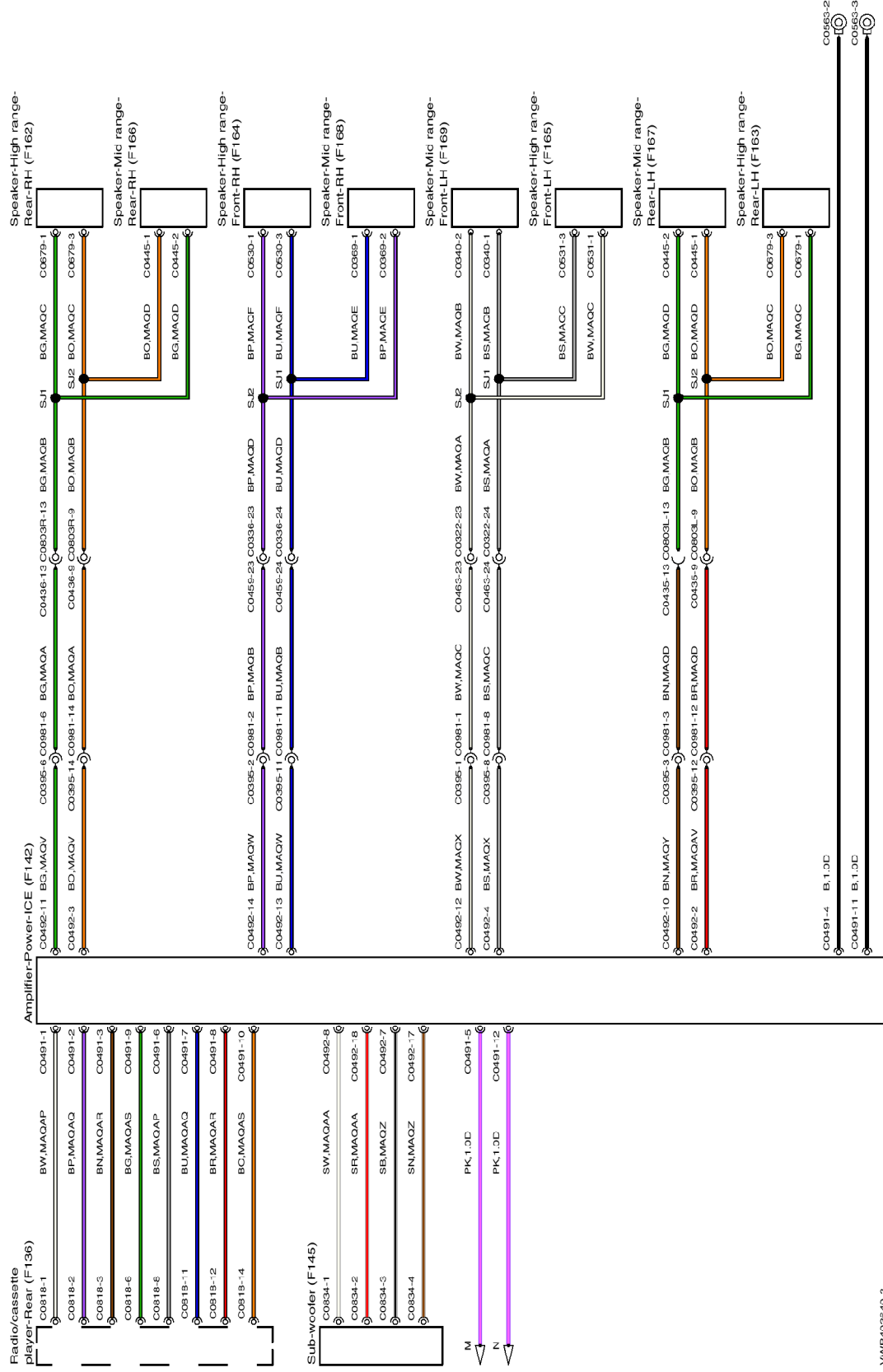
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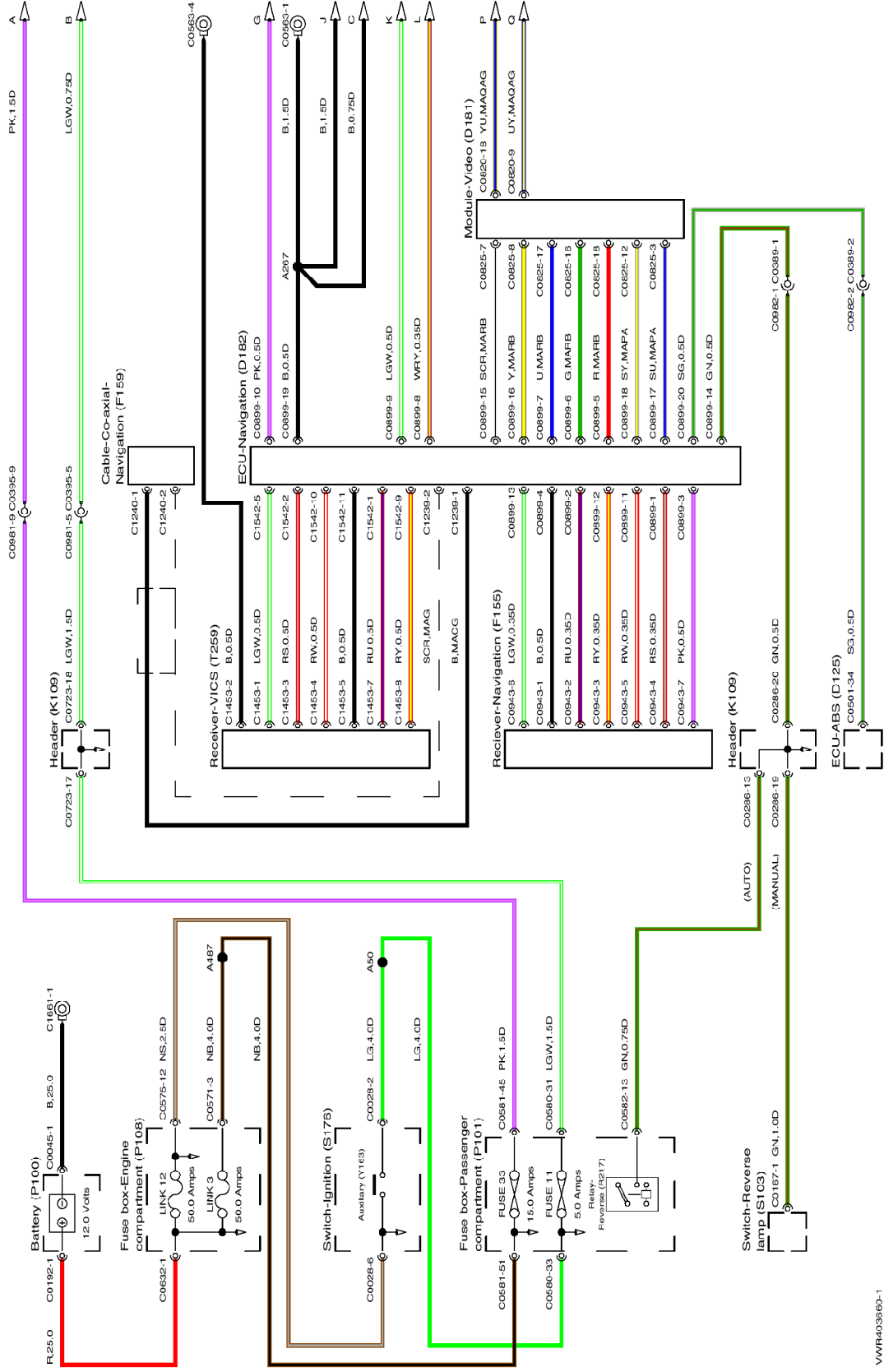


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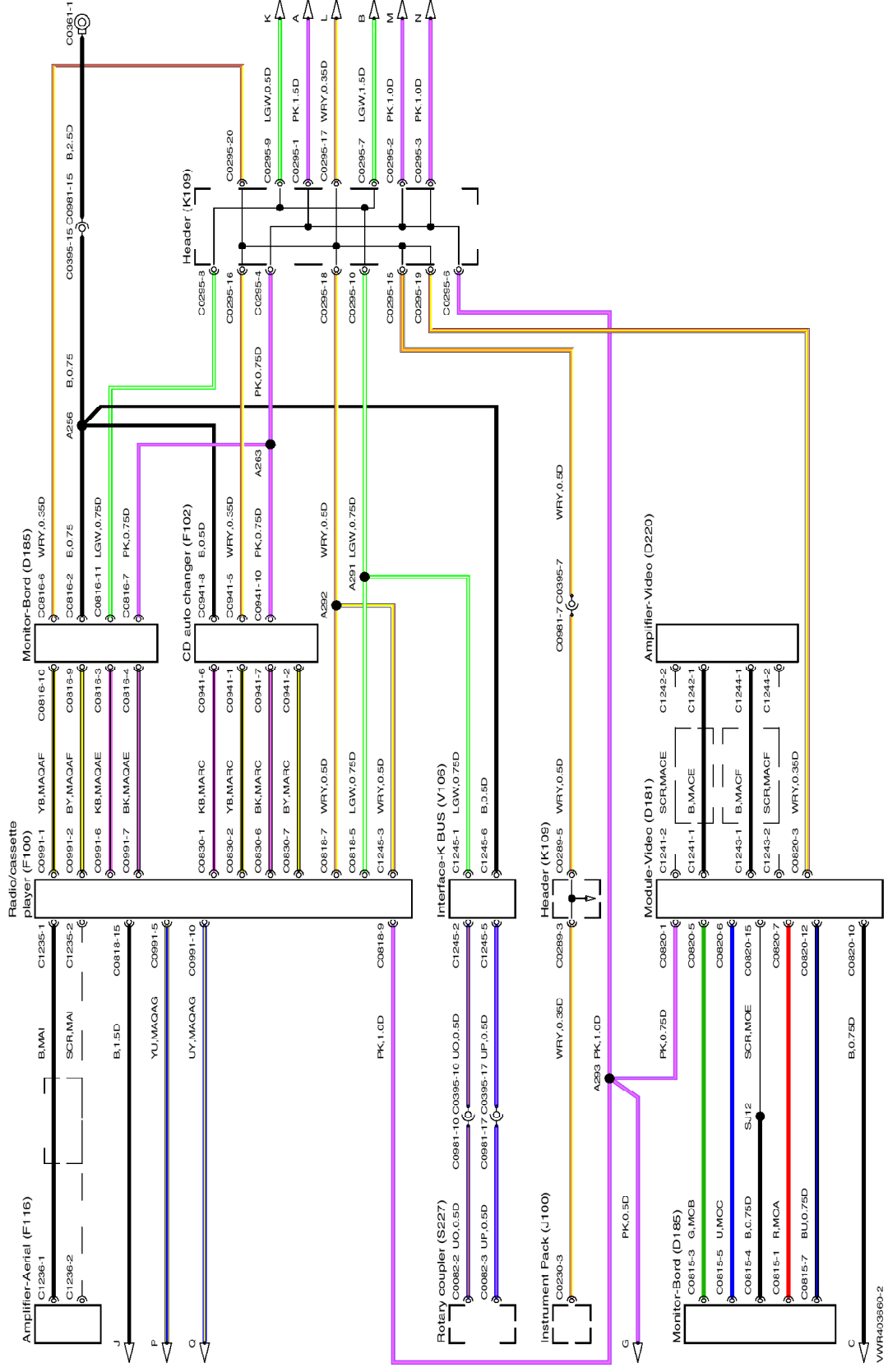


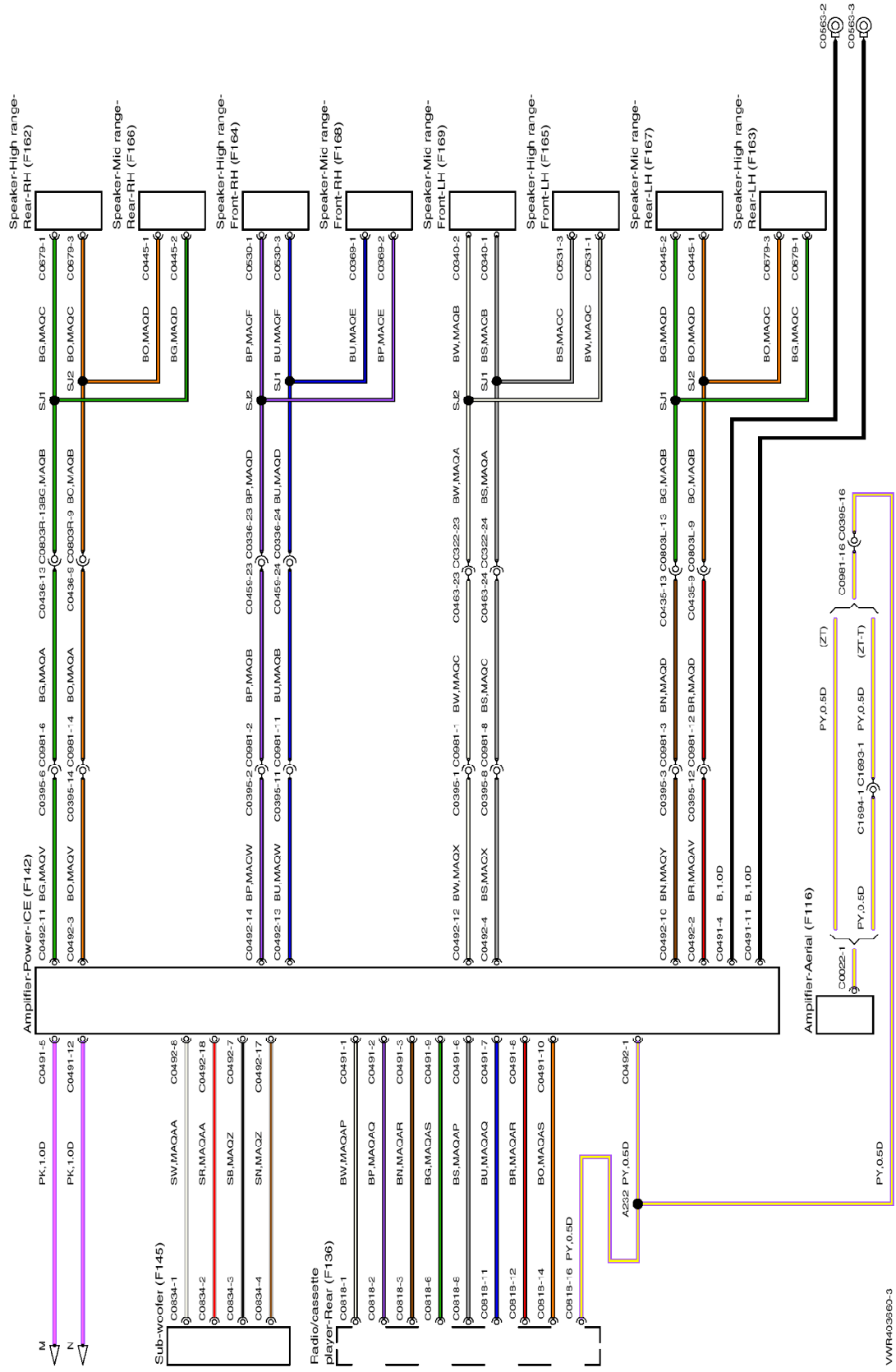
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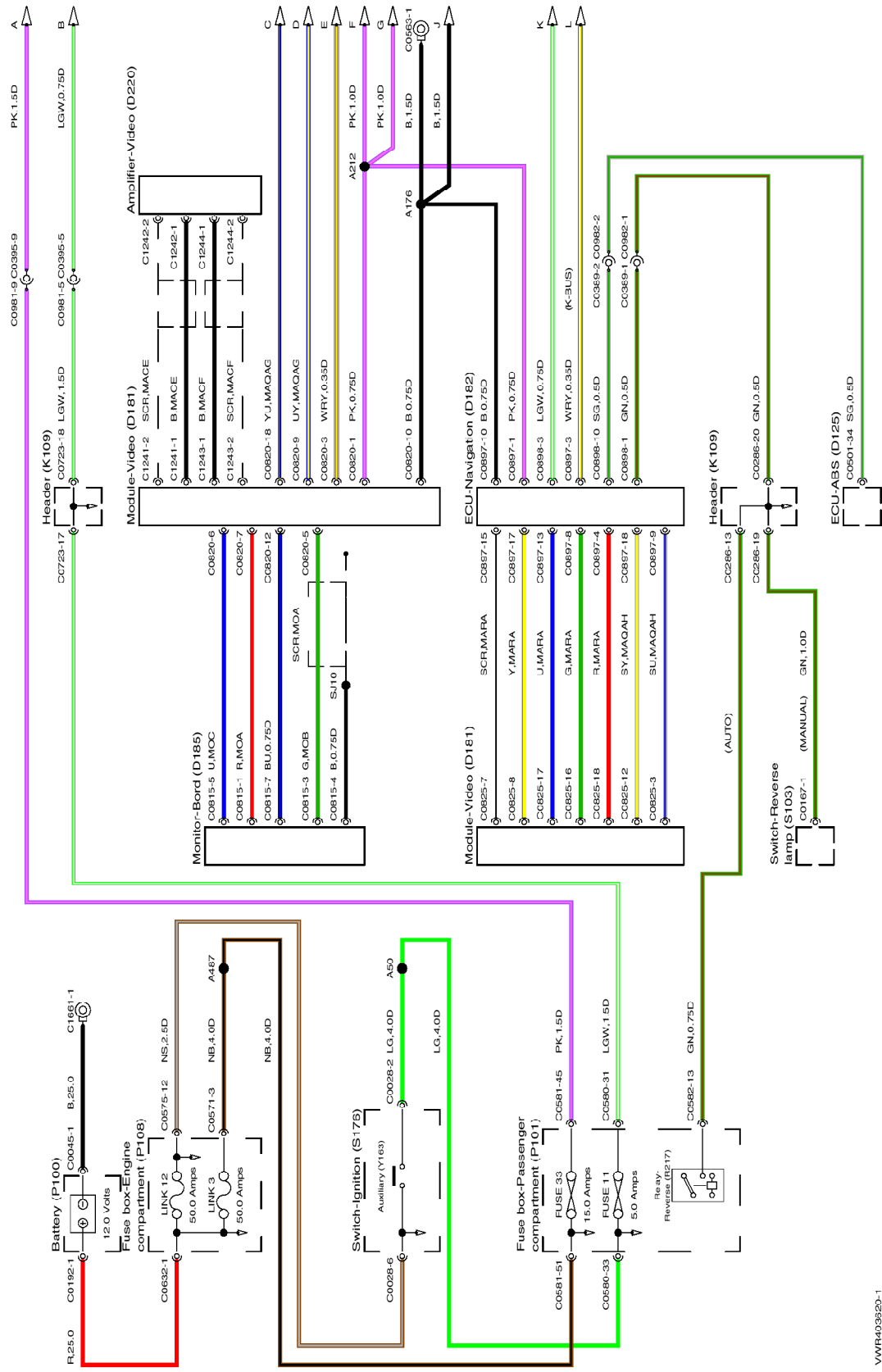


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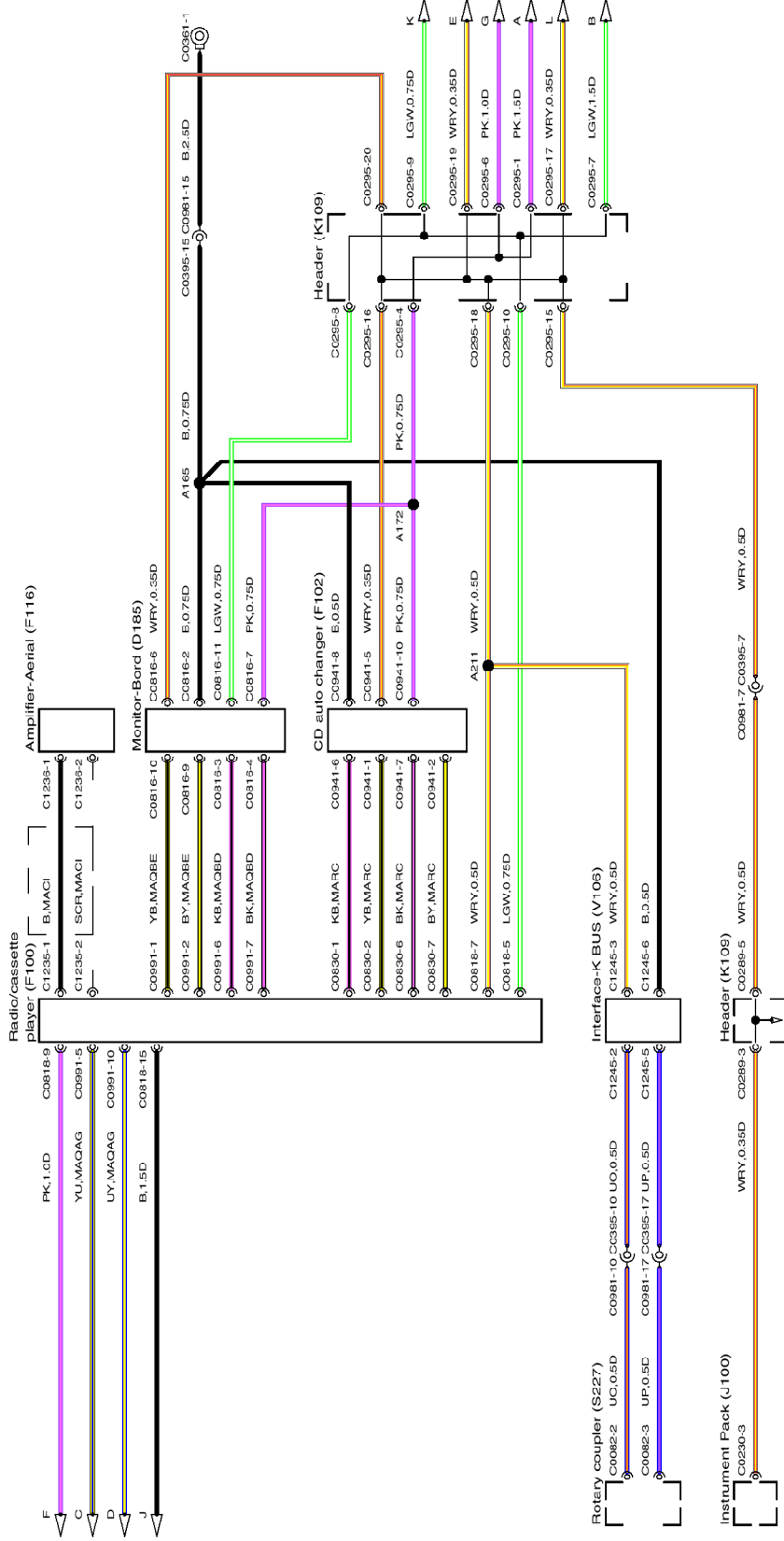




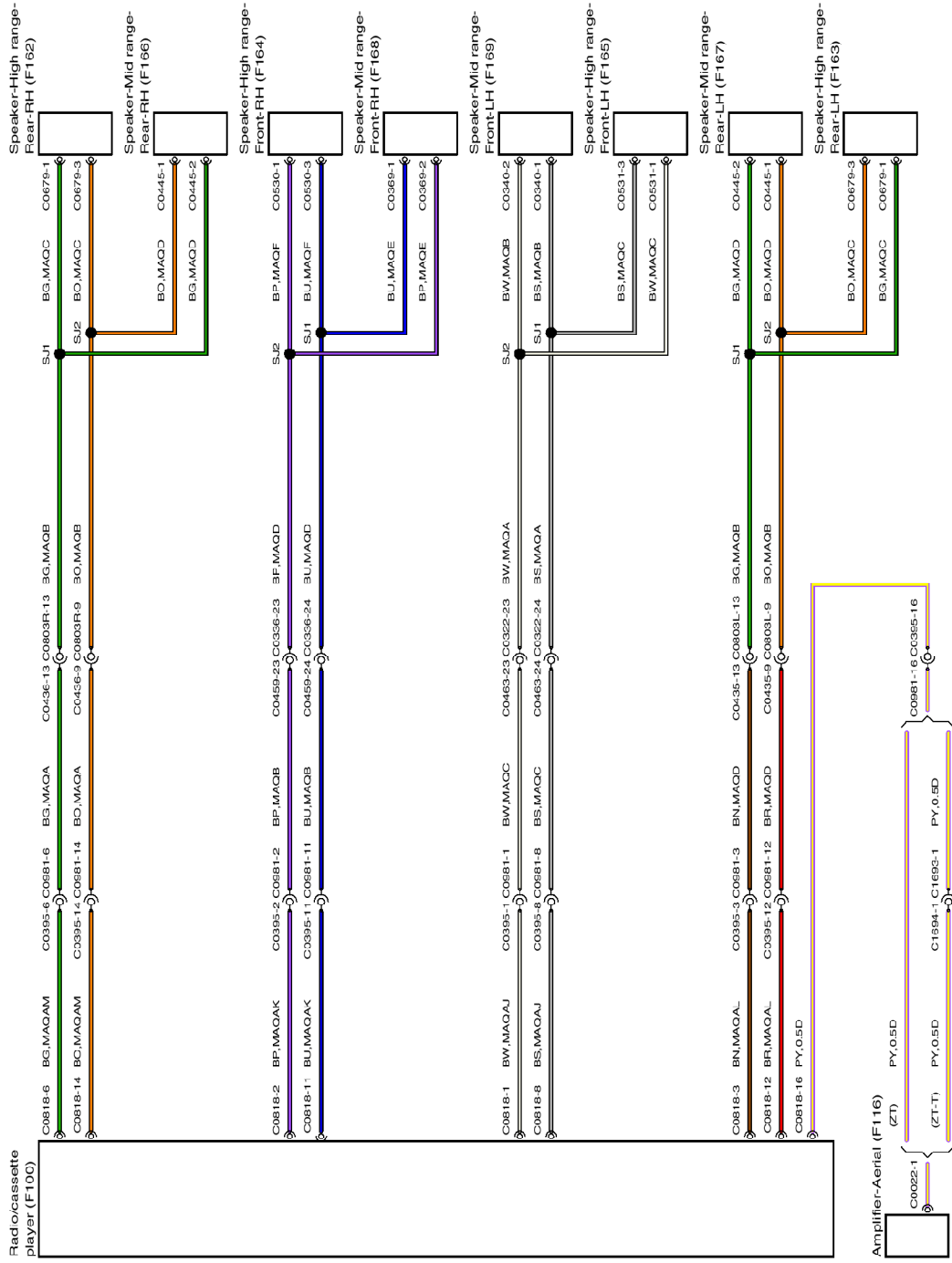
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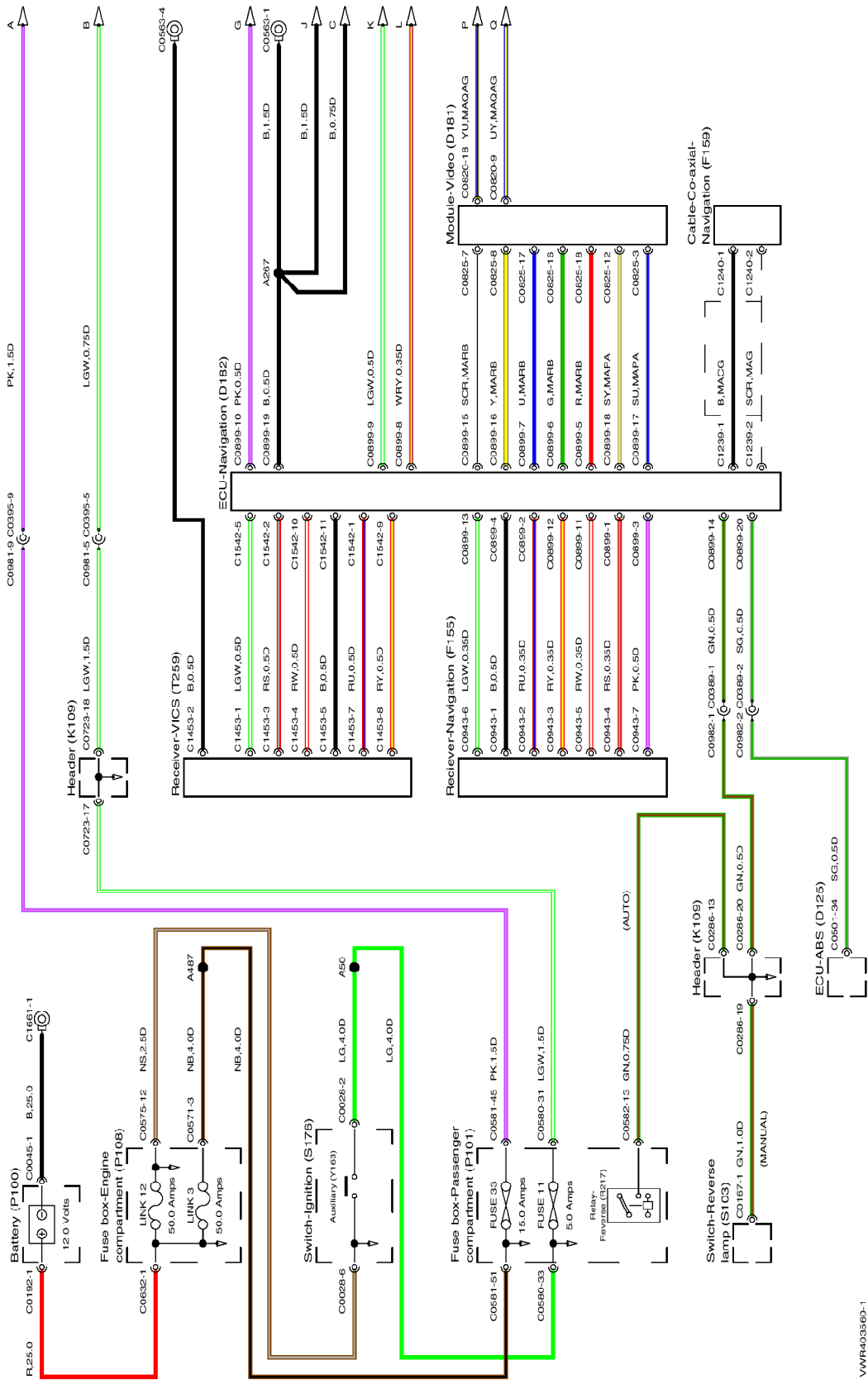
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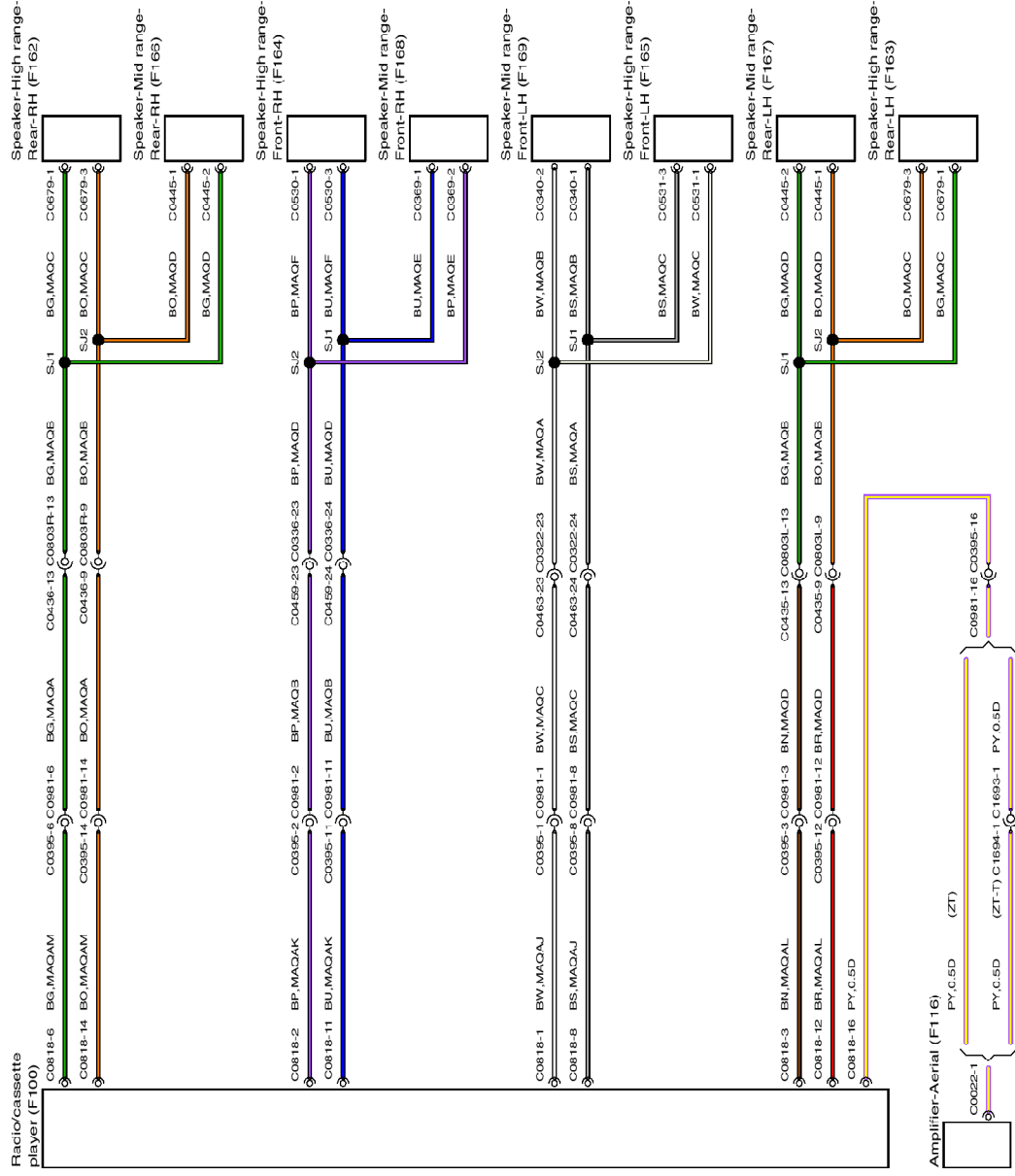
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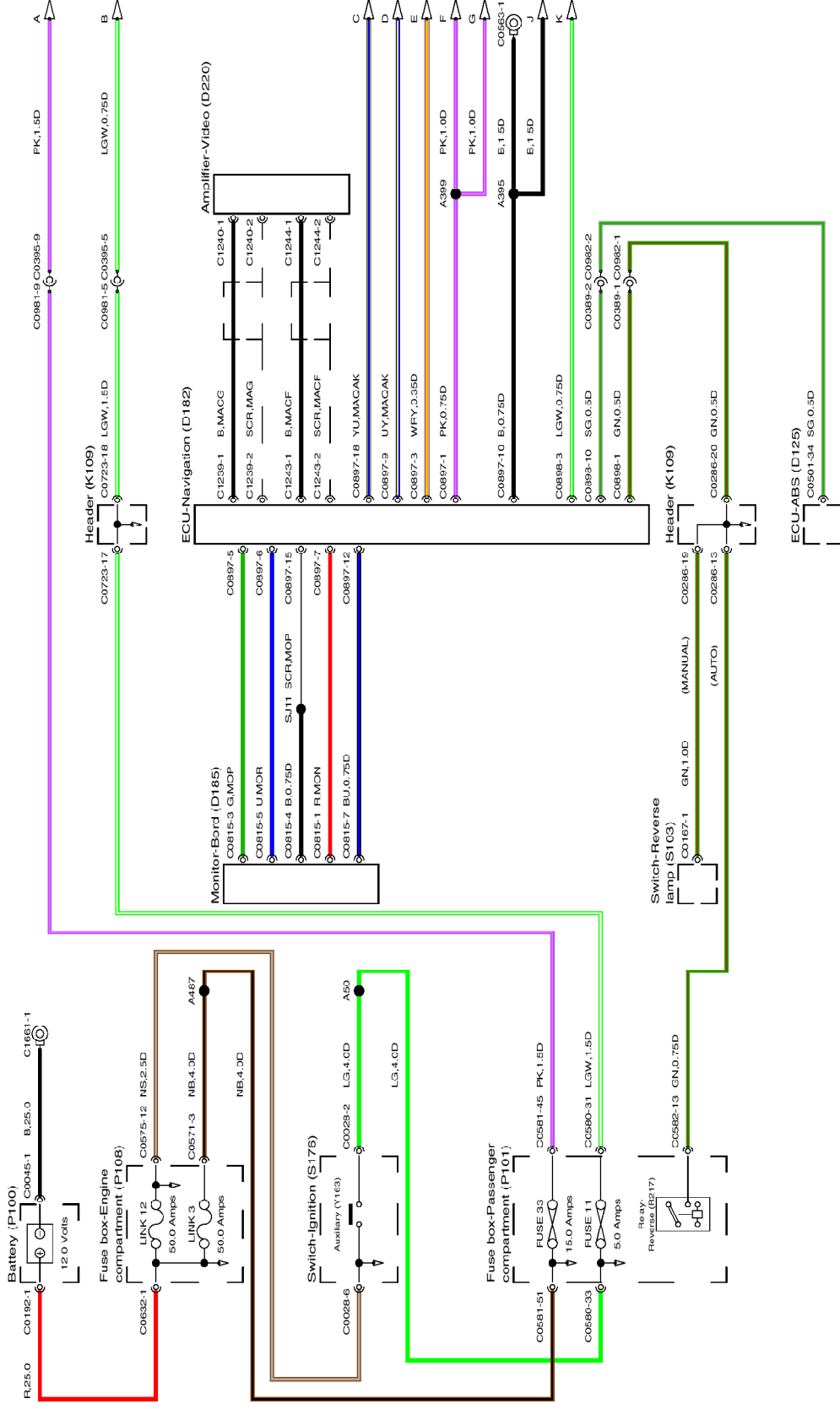


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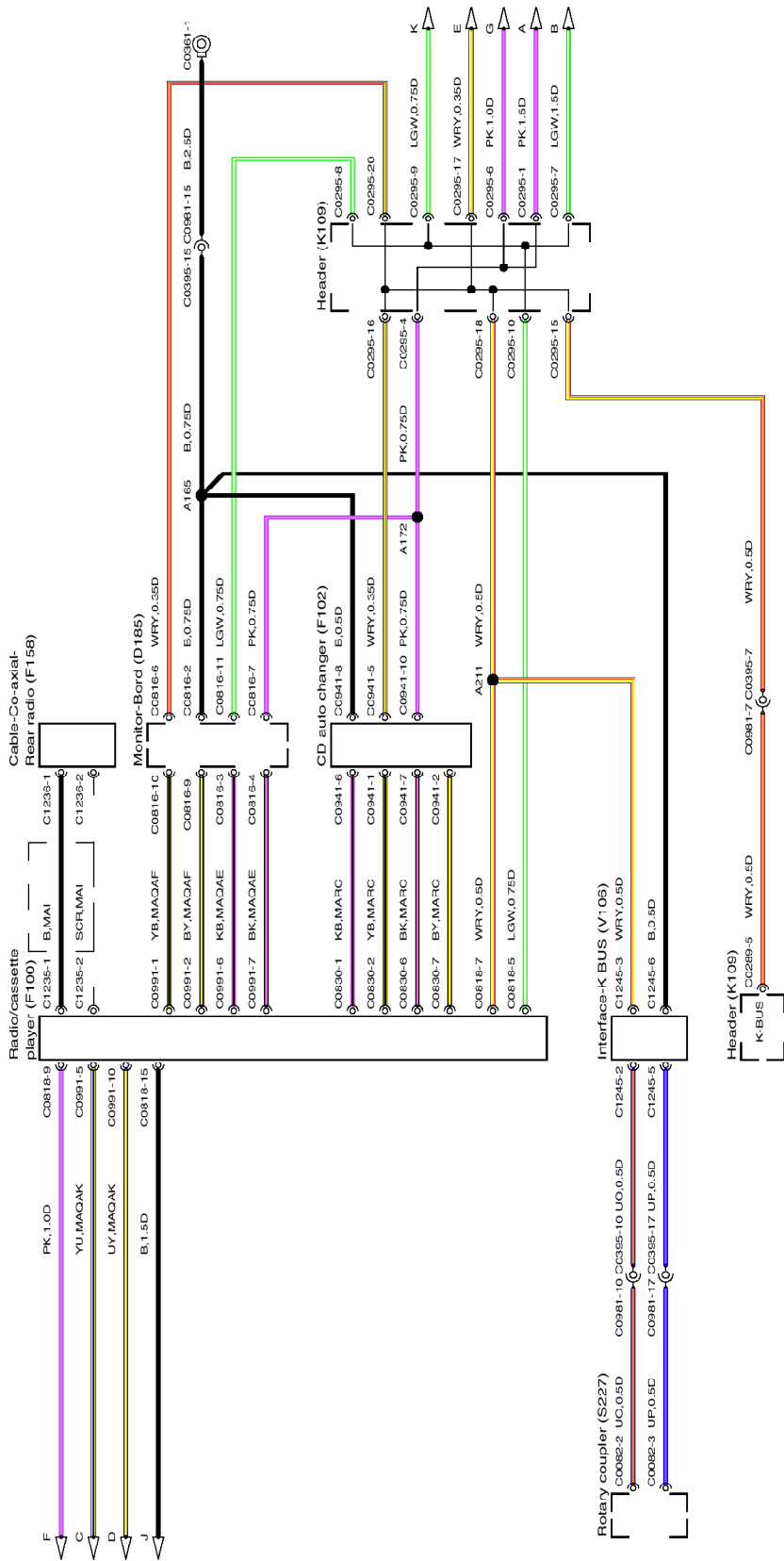


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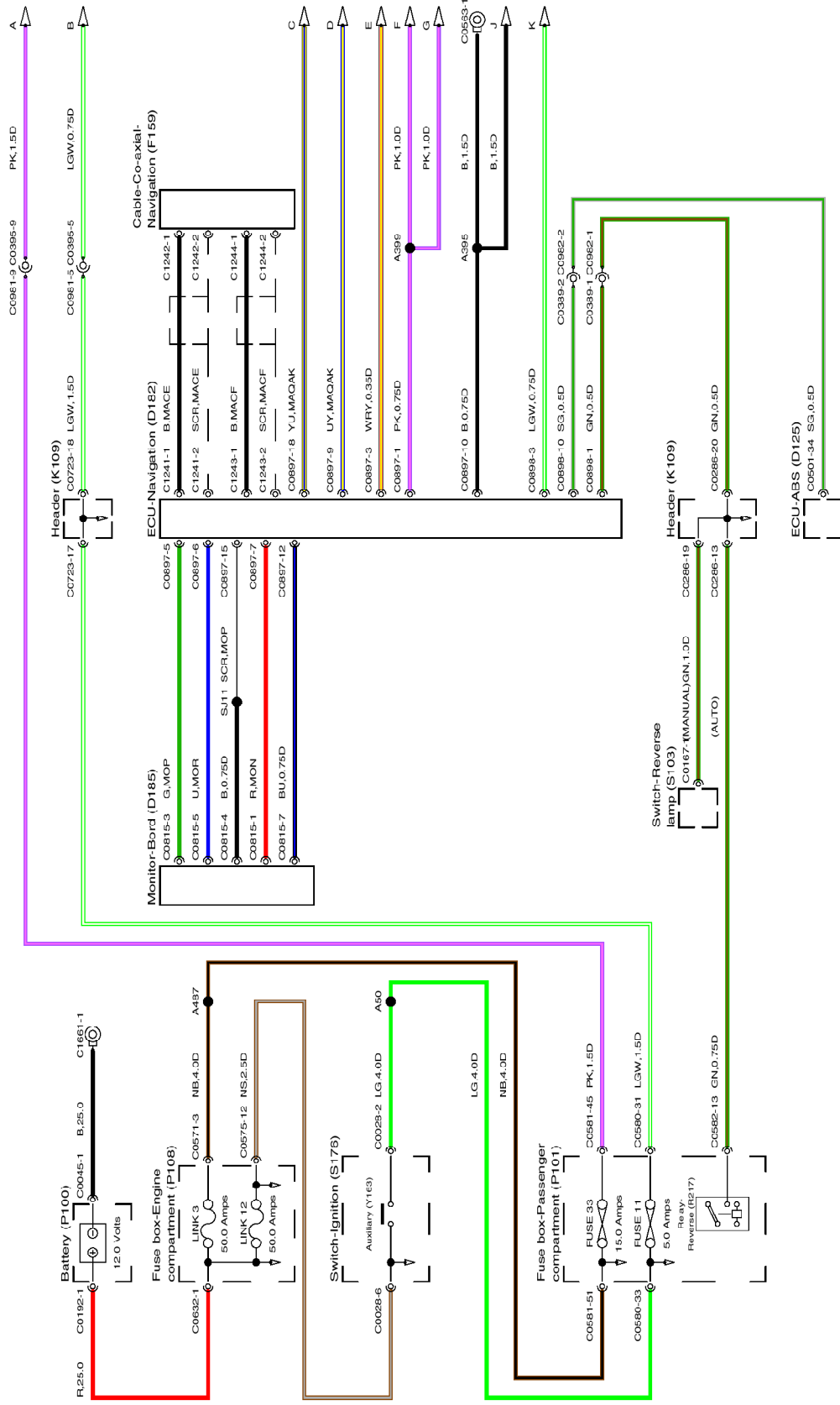




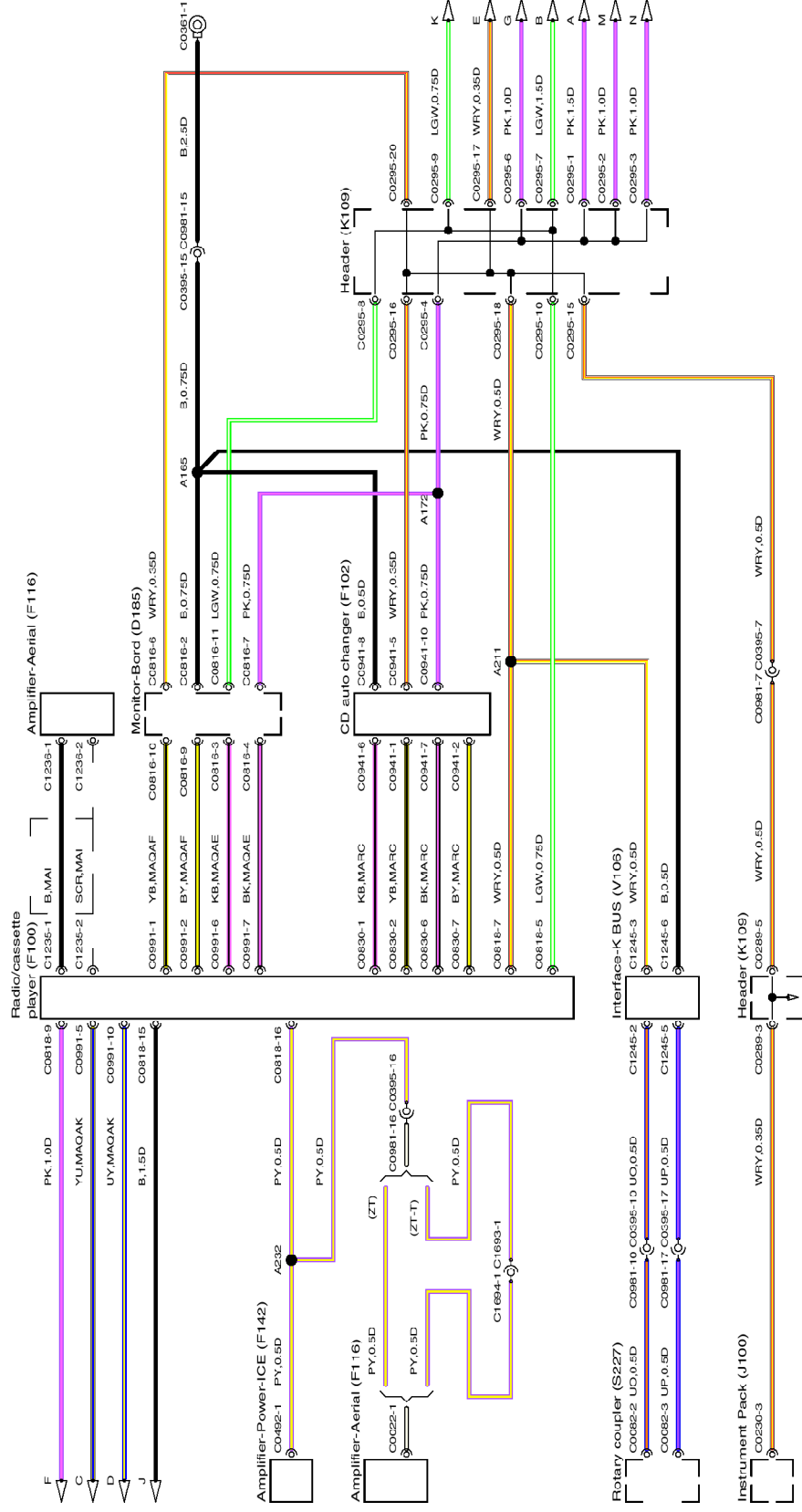
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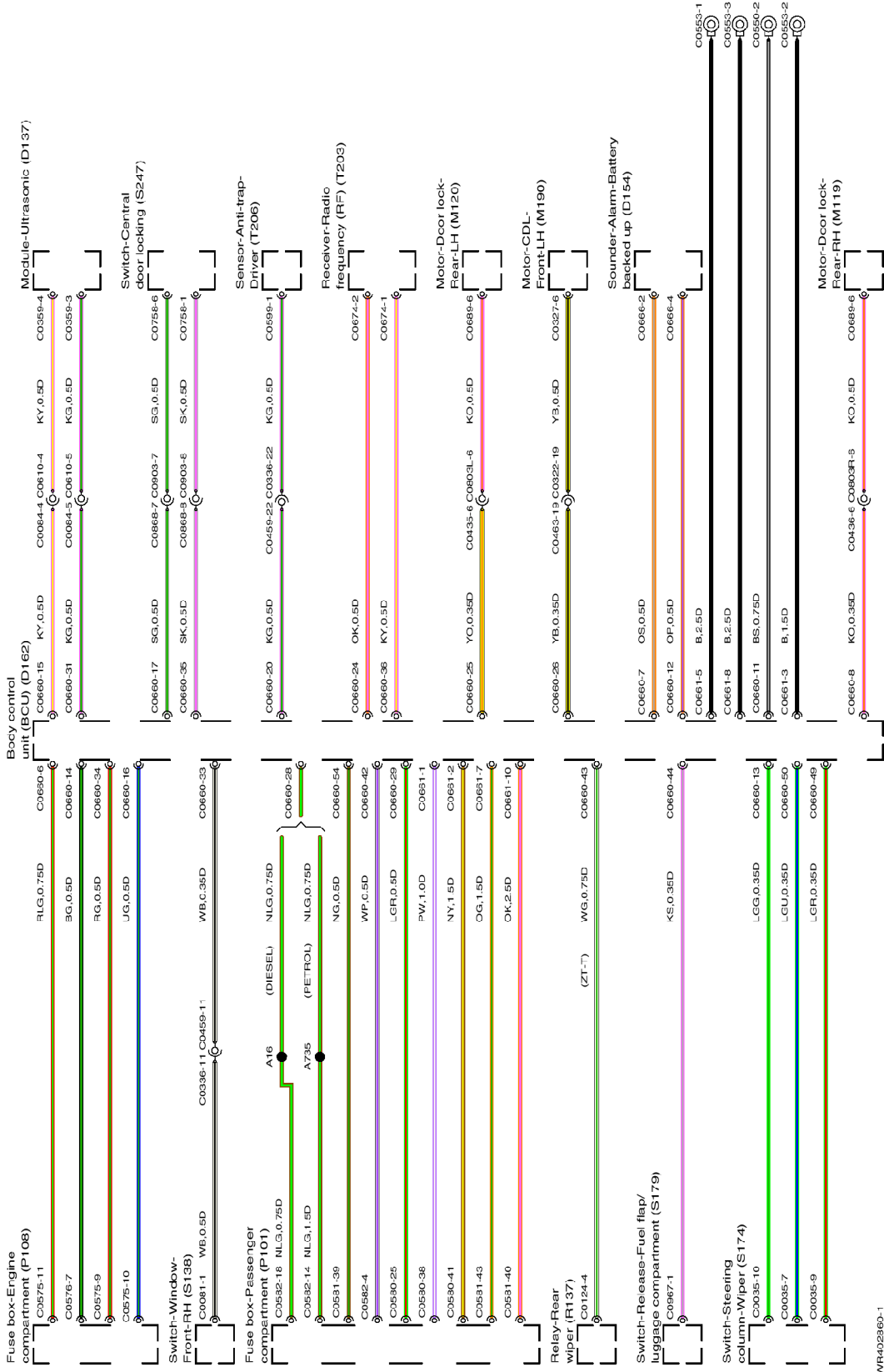
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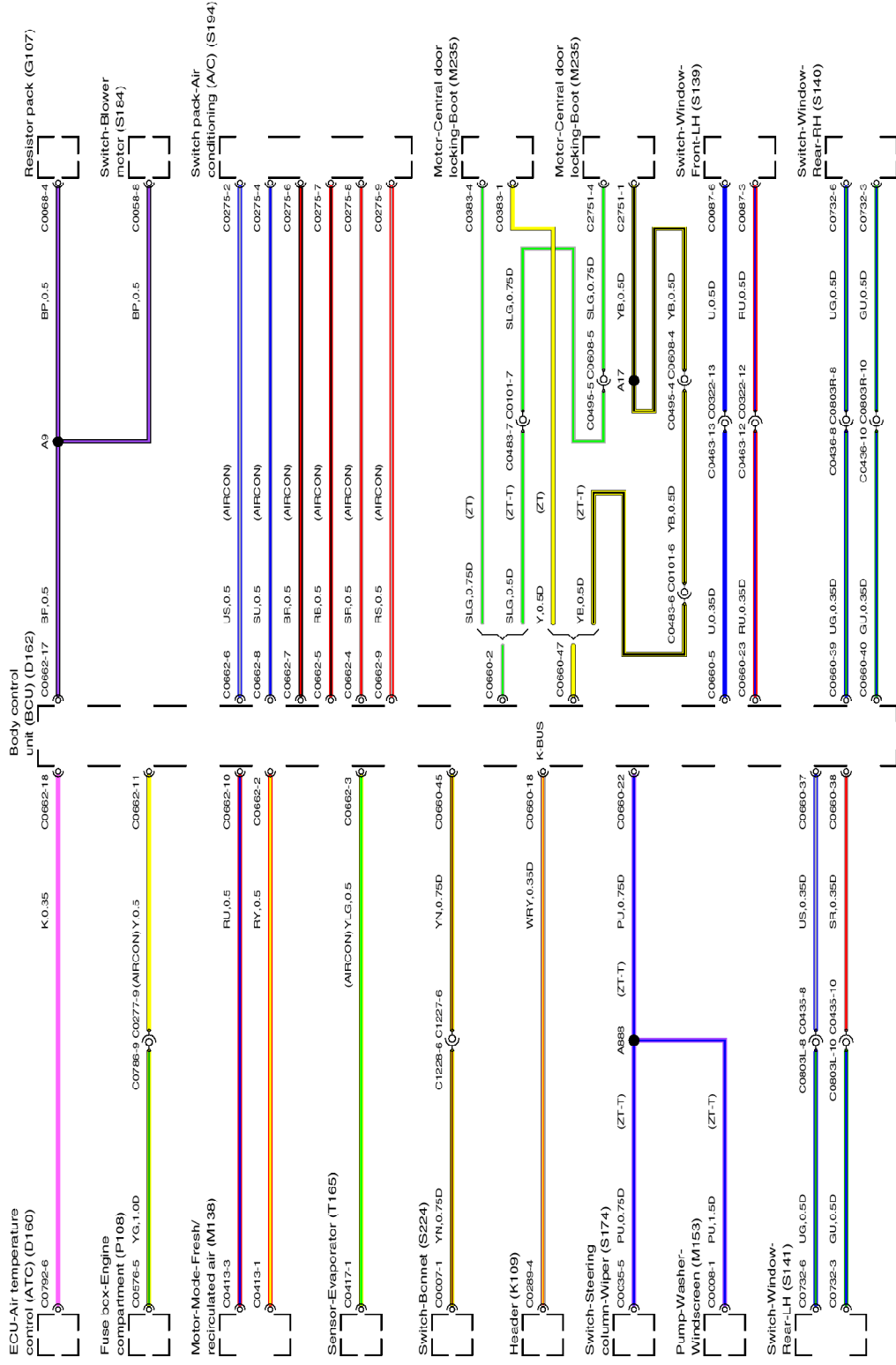
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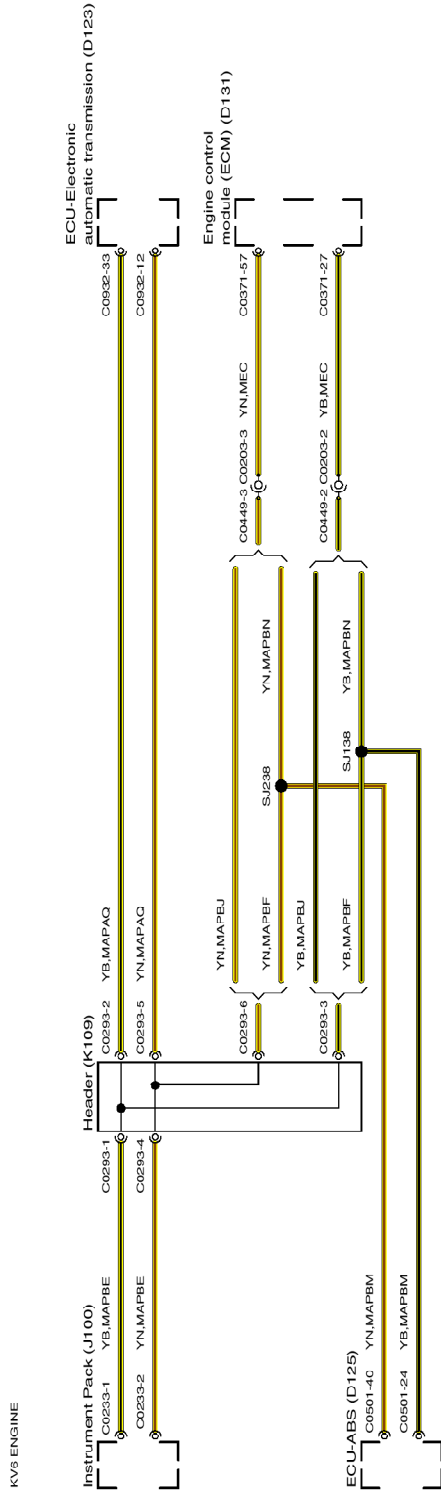
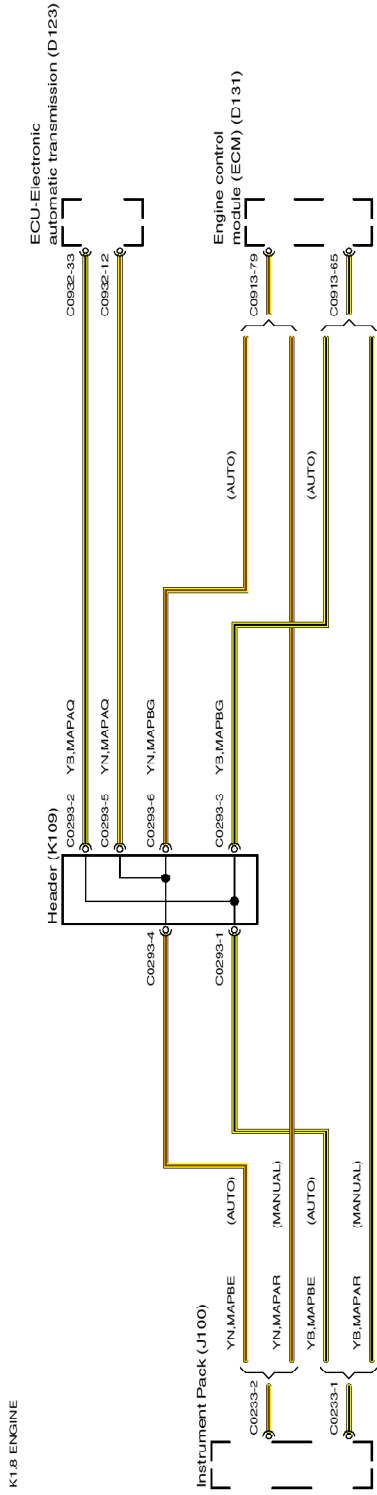
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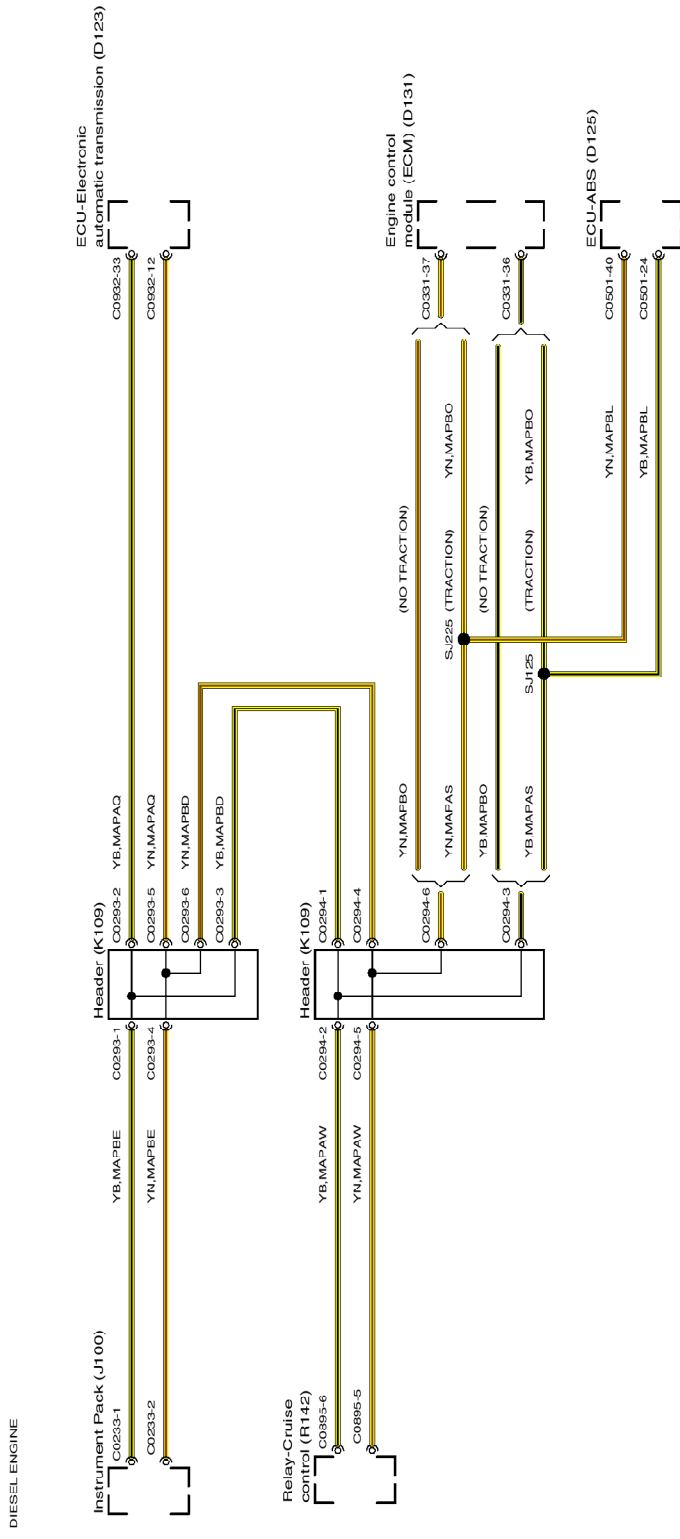
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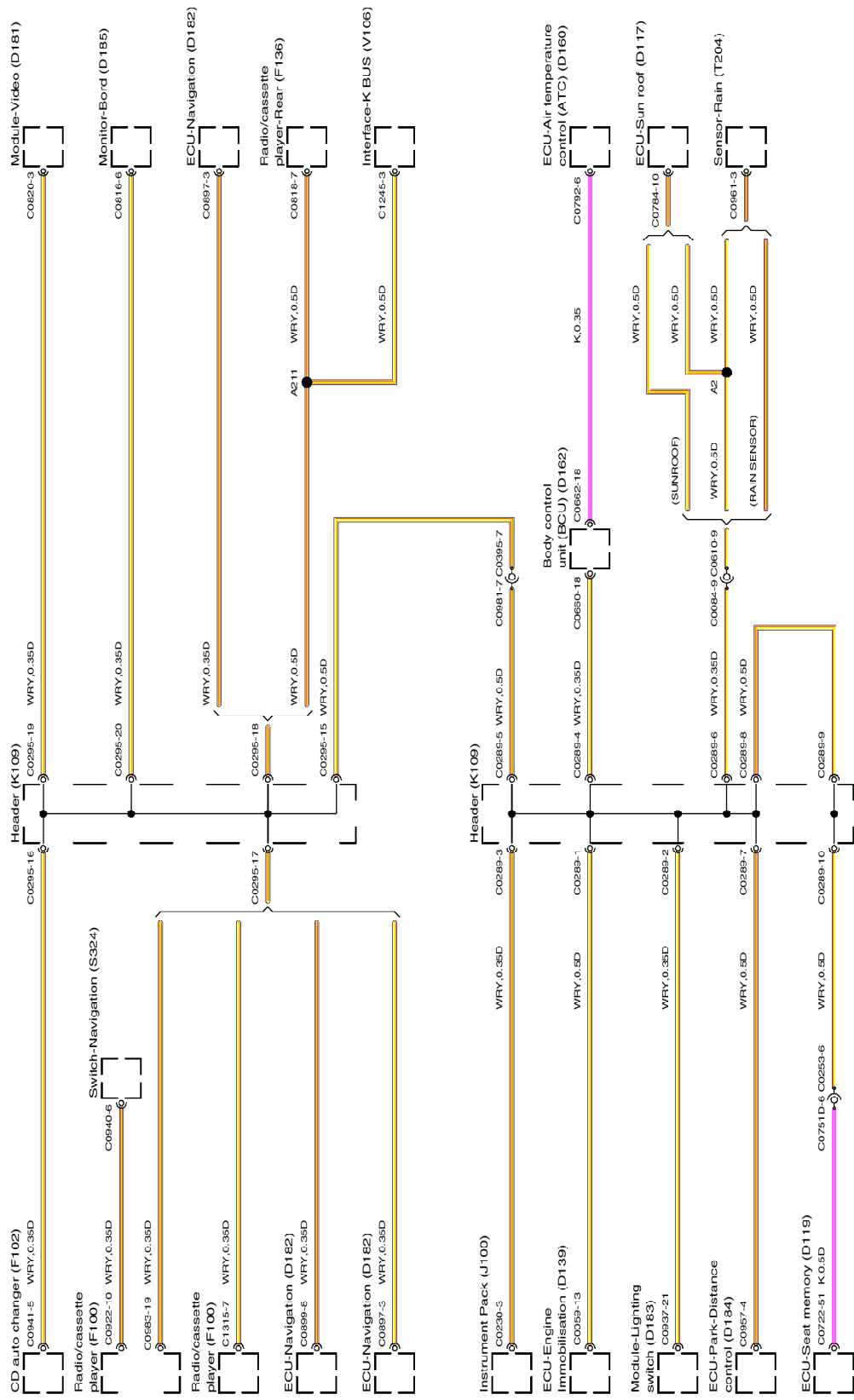
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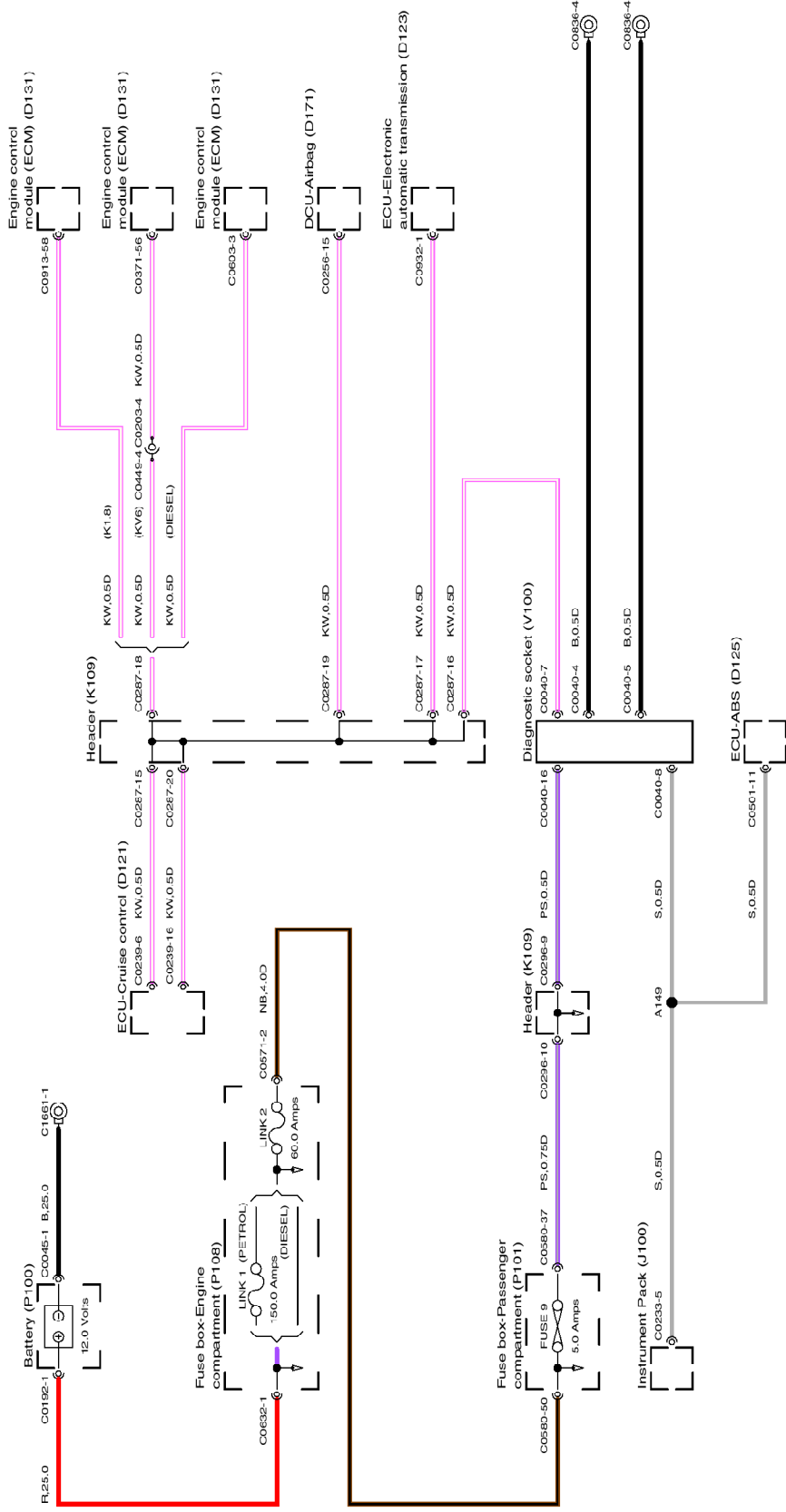
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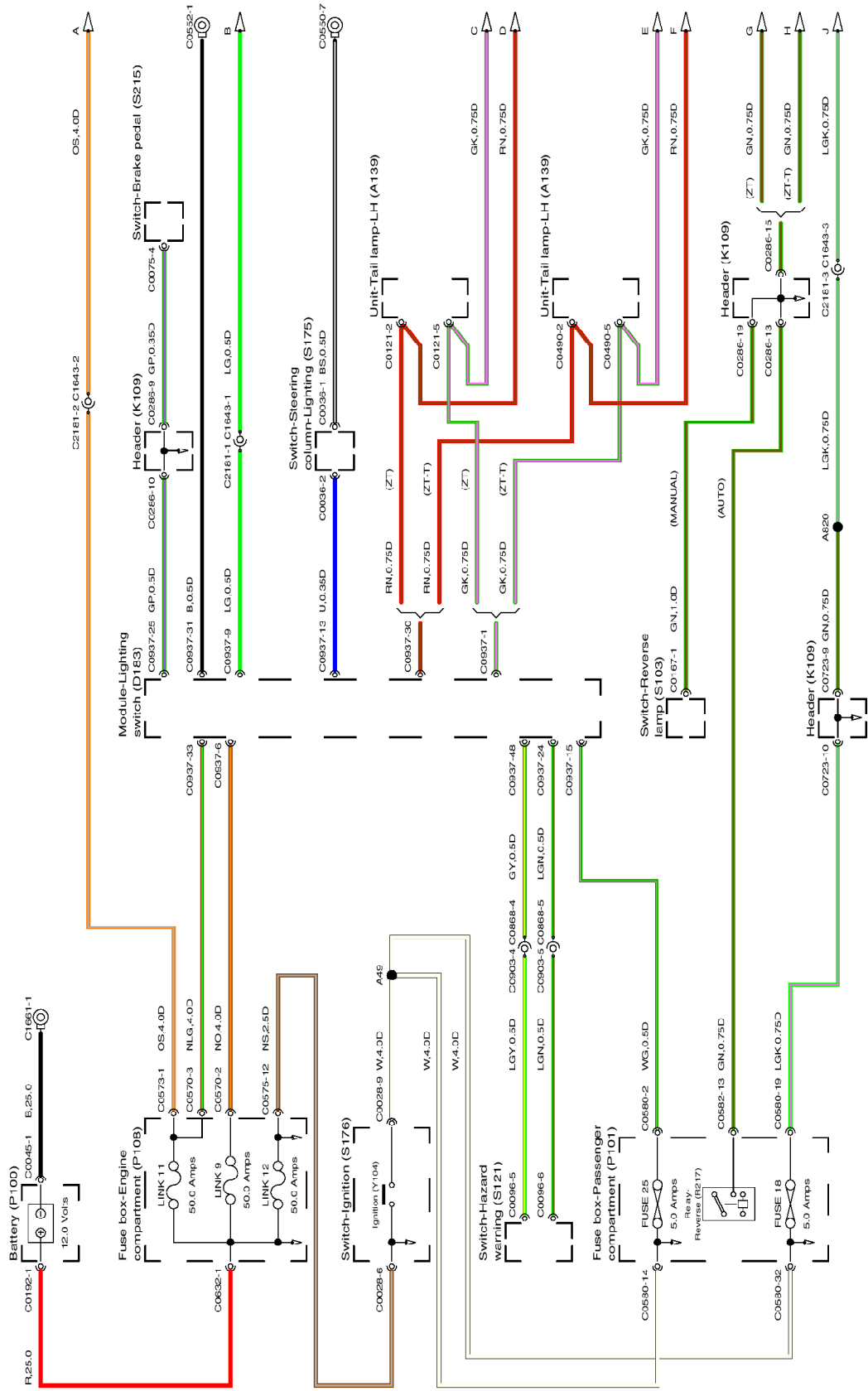
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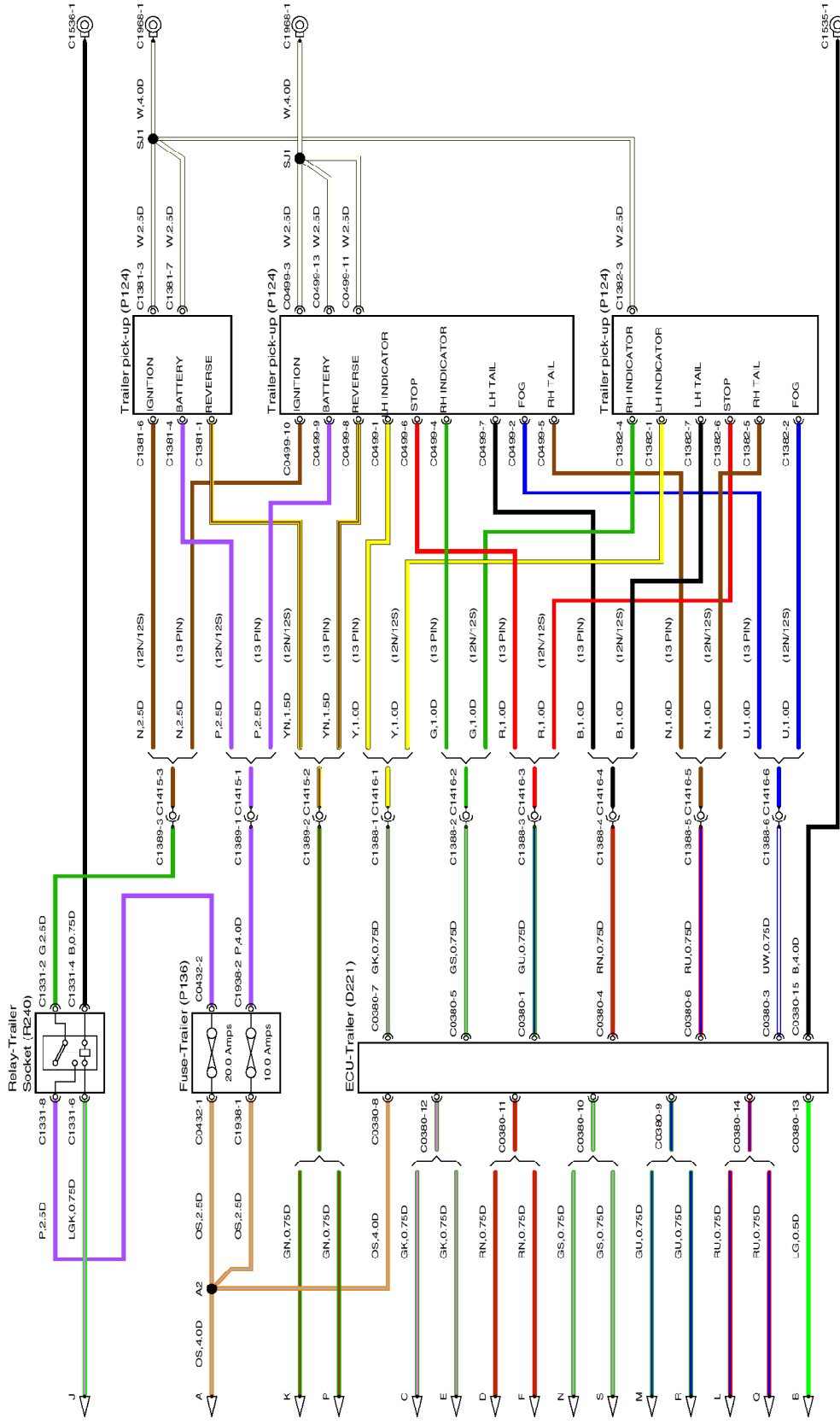
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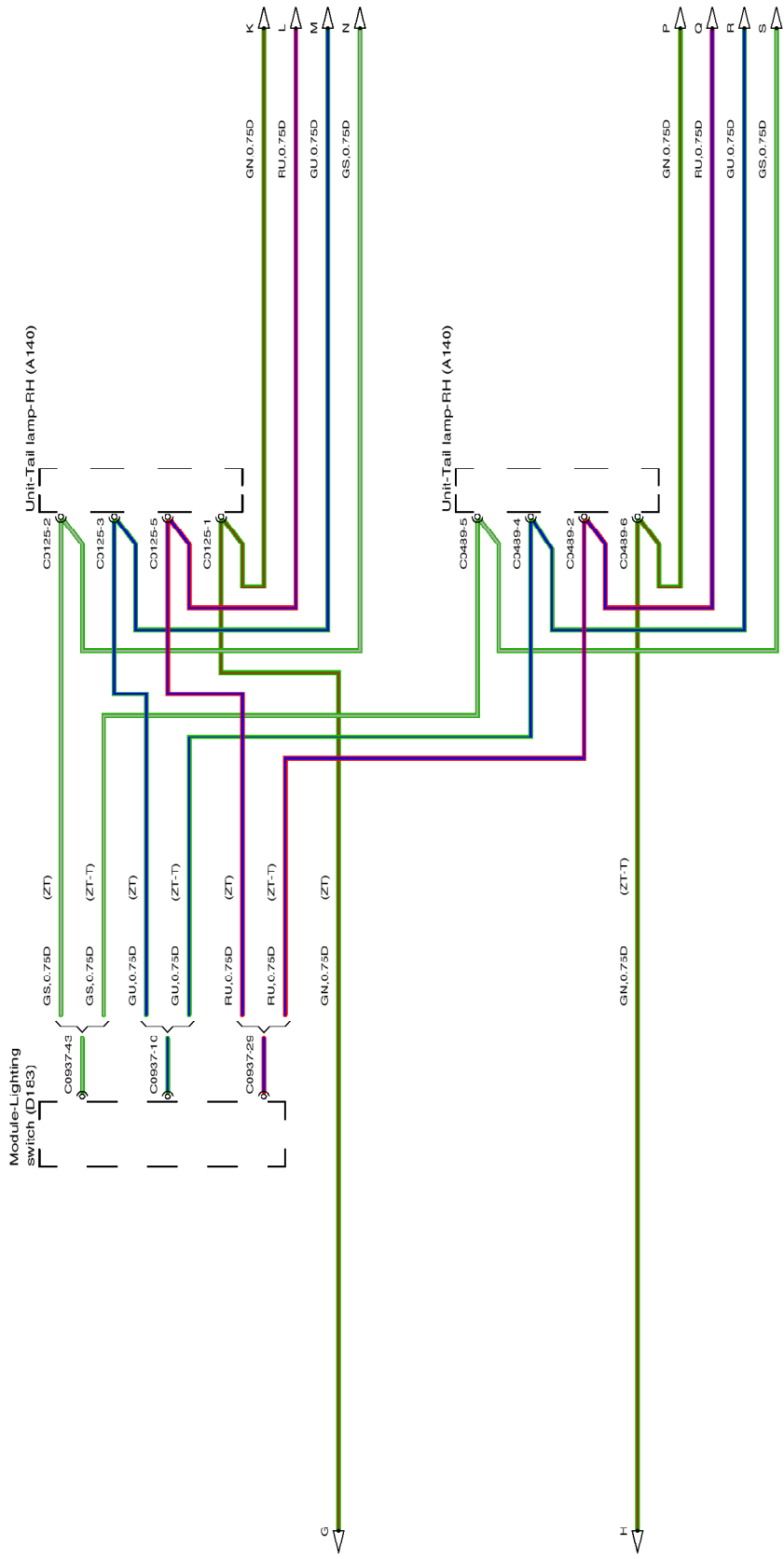
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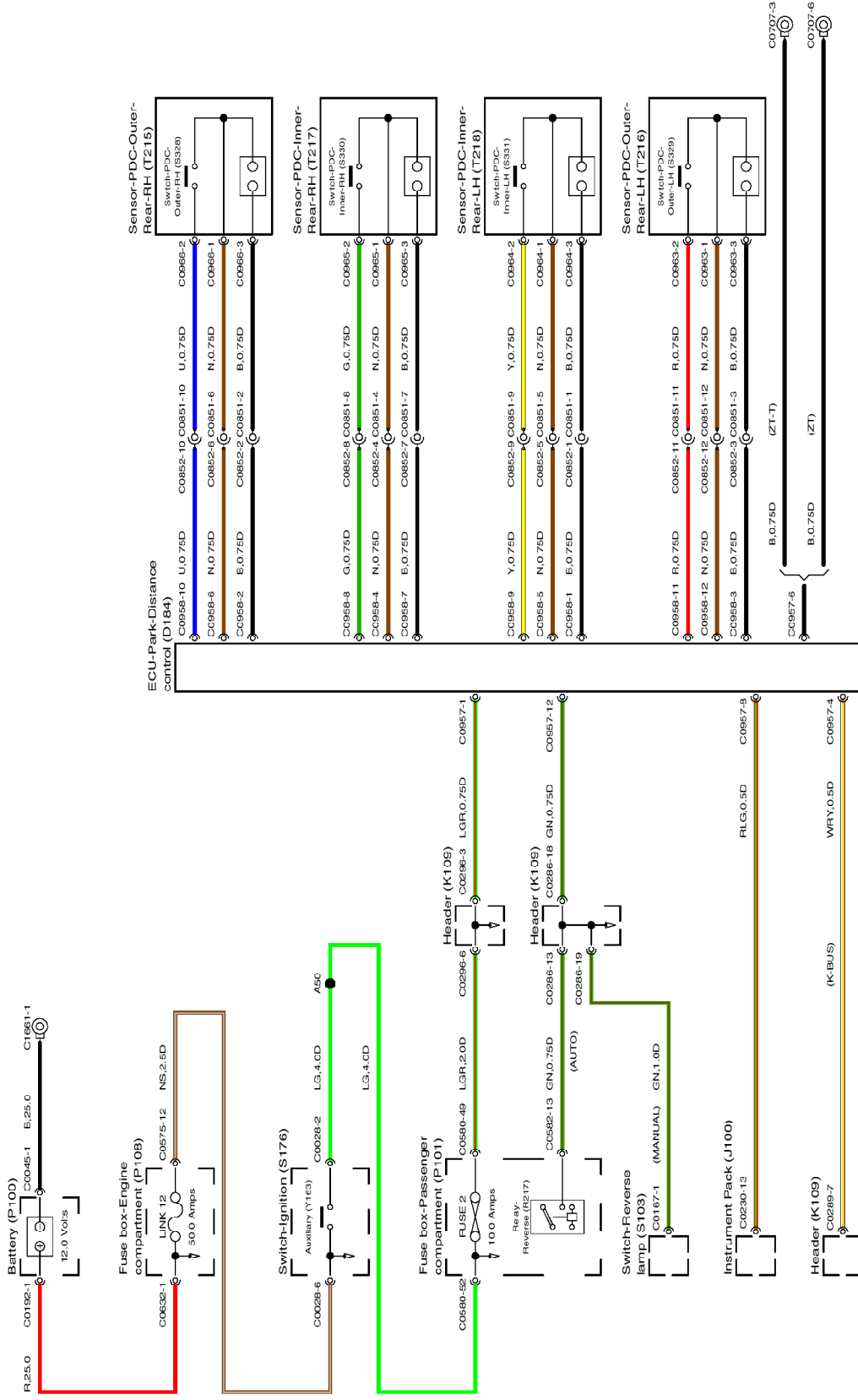
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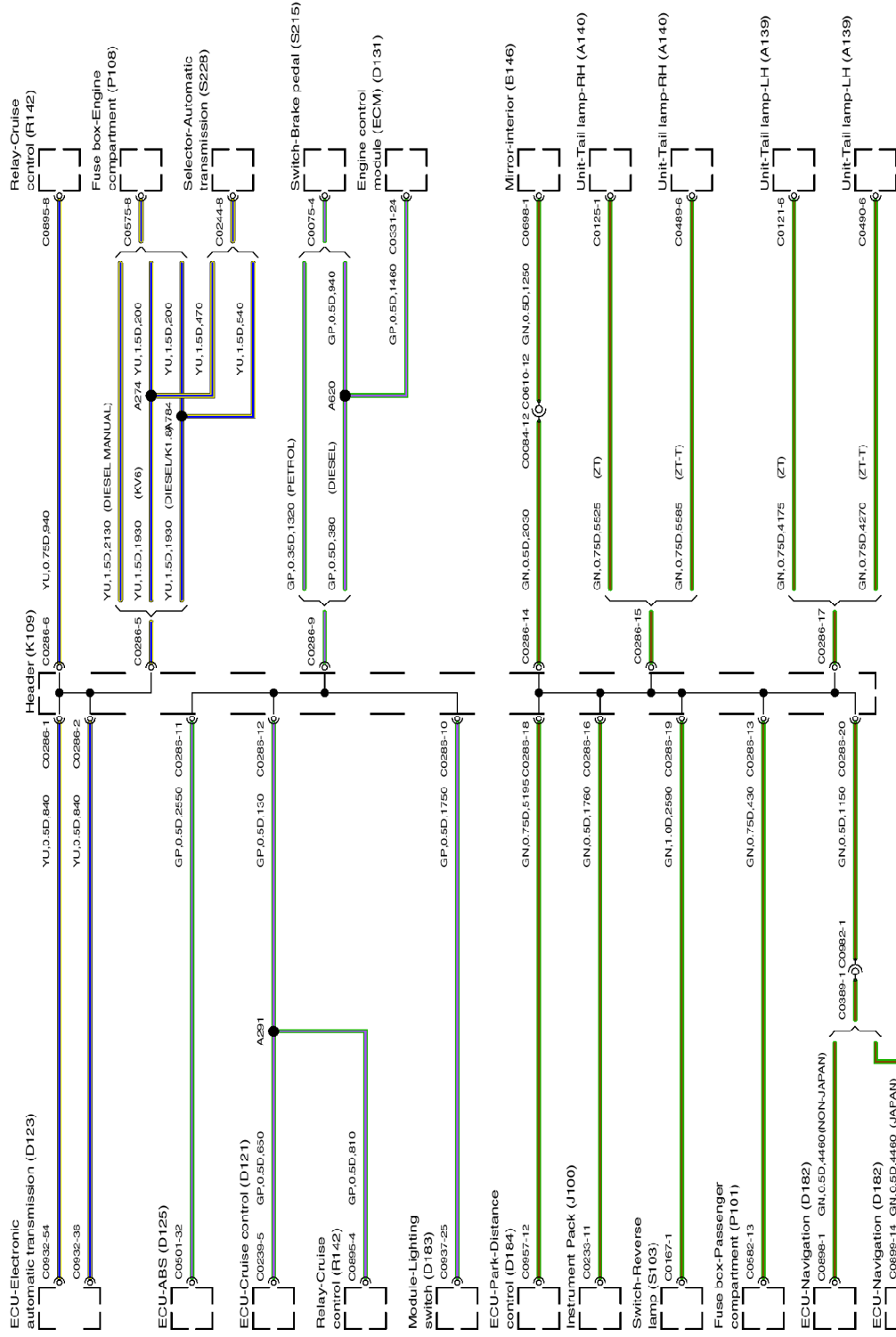
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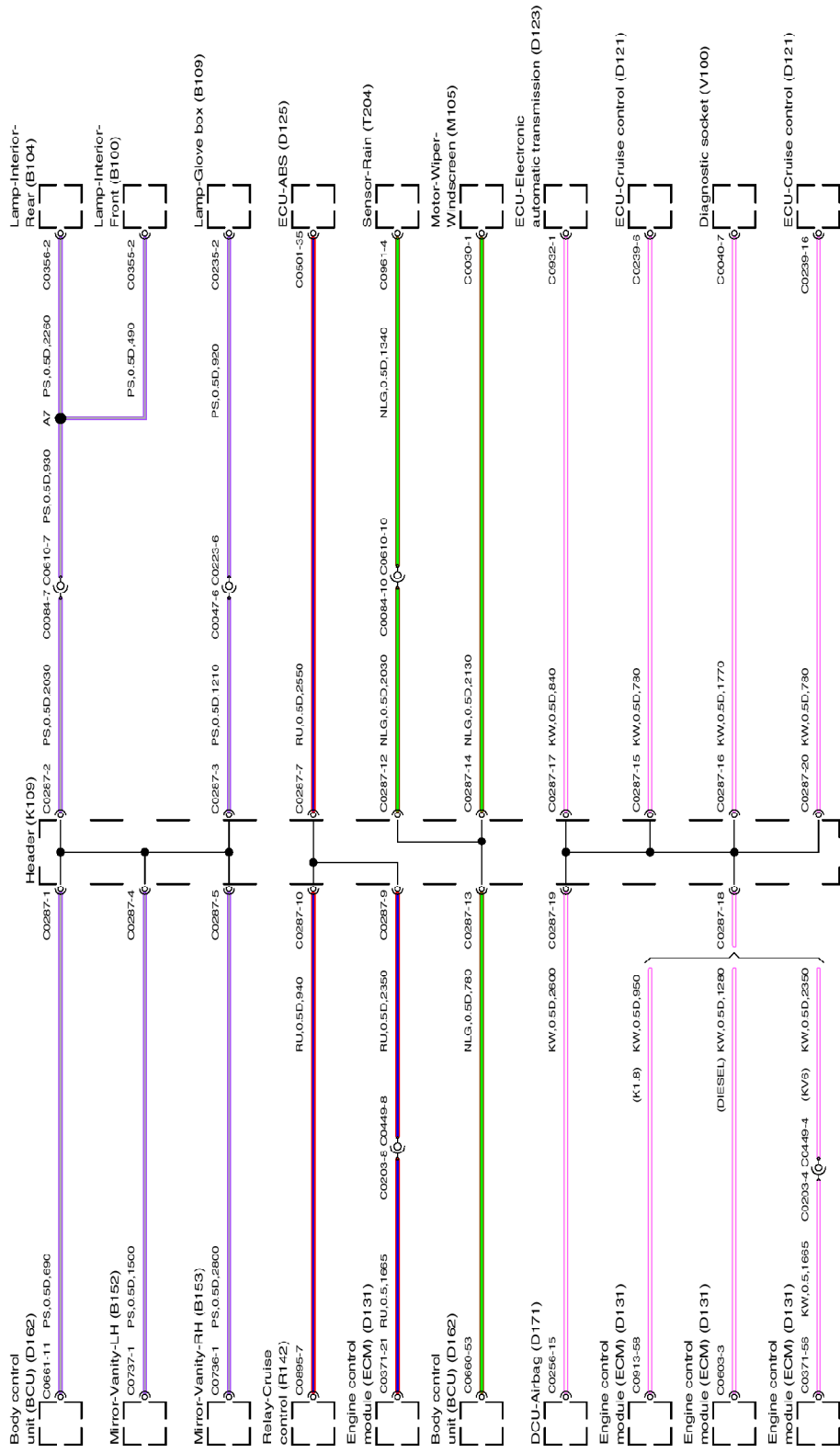
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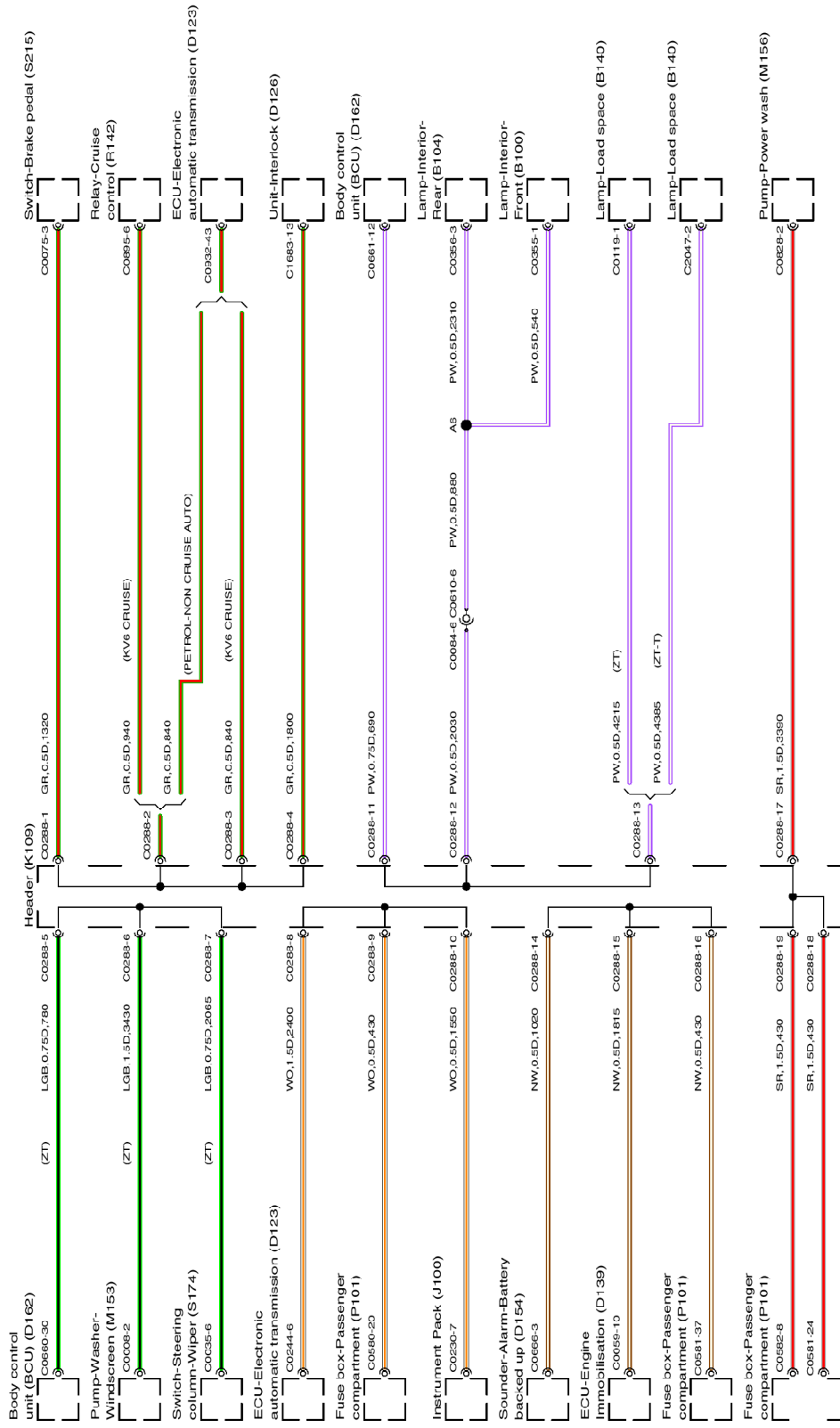
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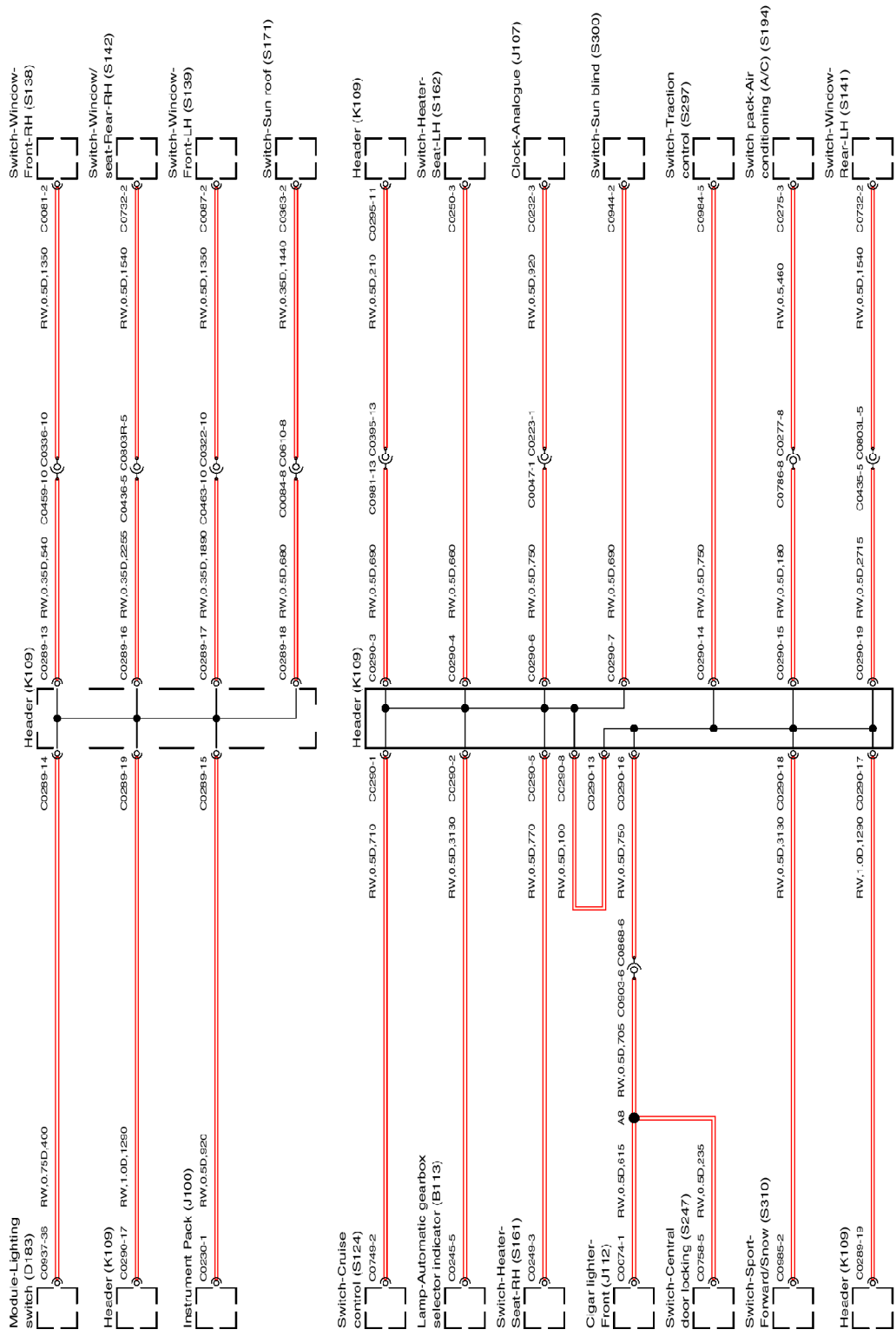
VWR403200-1



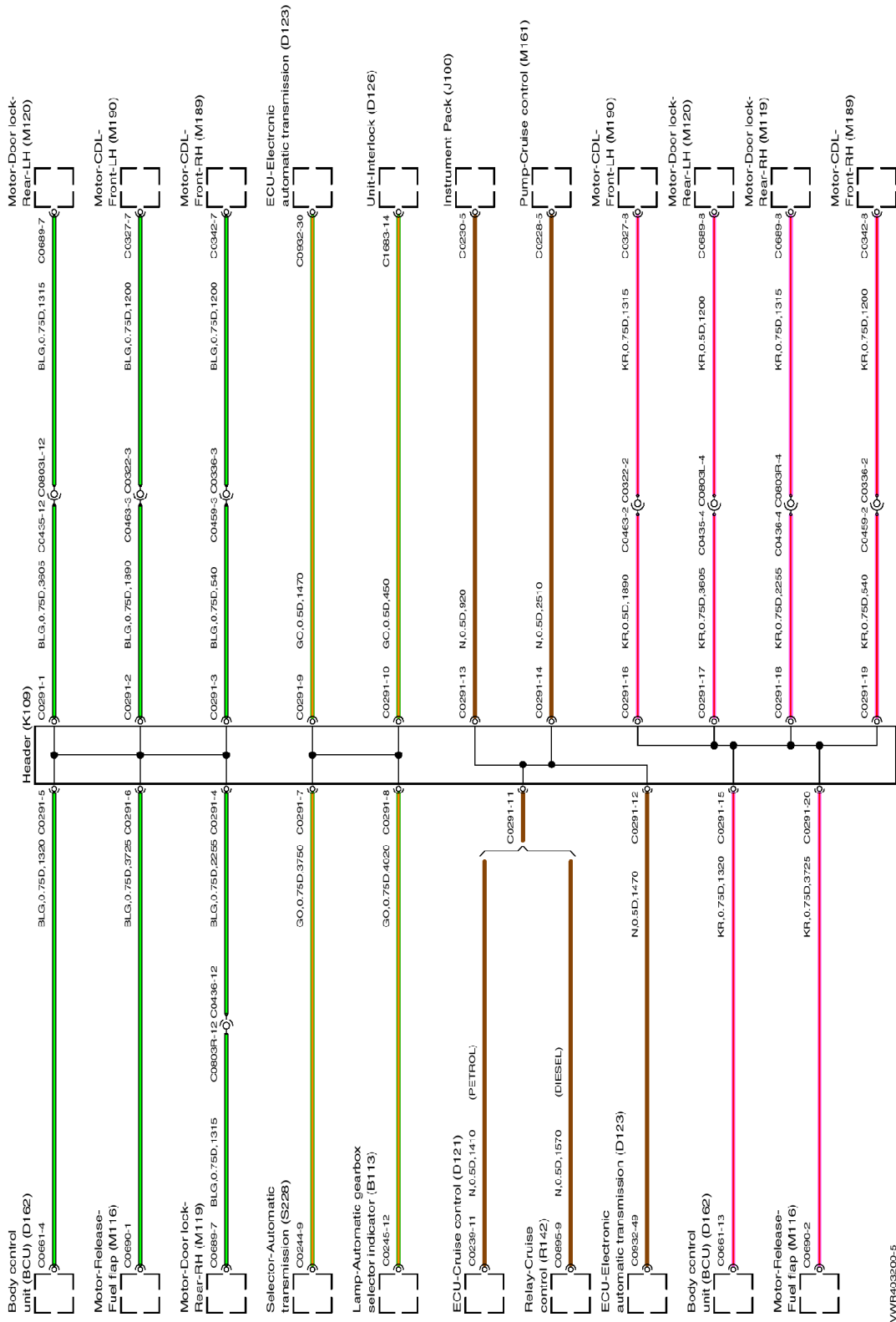
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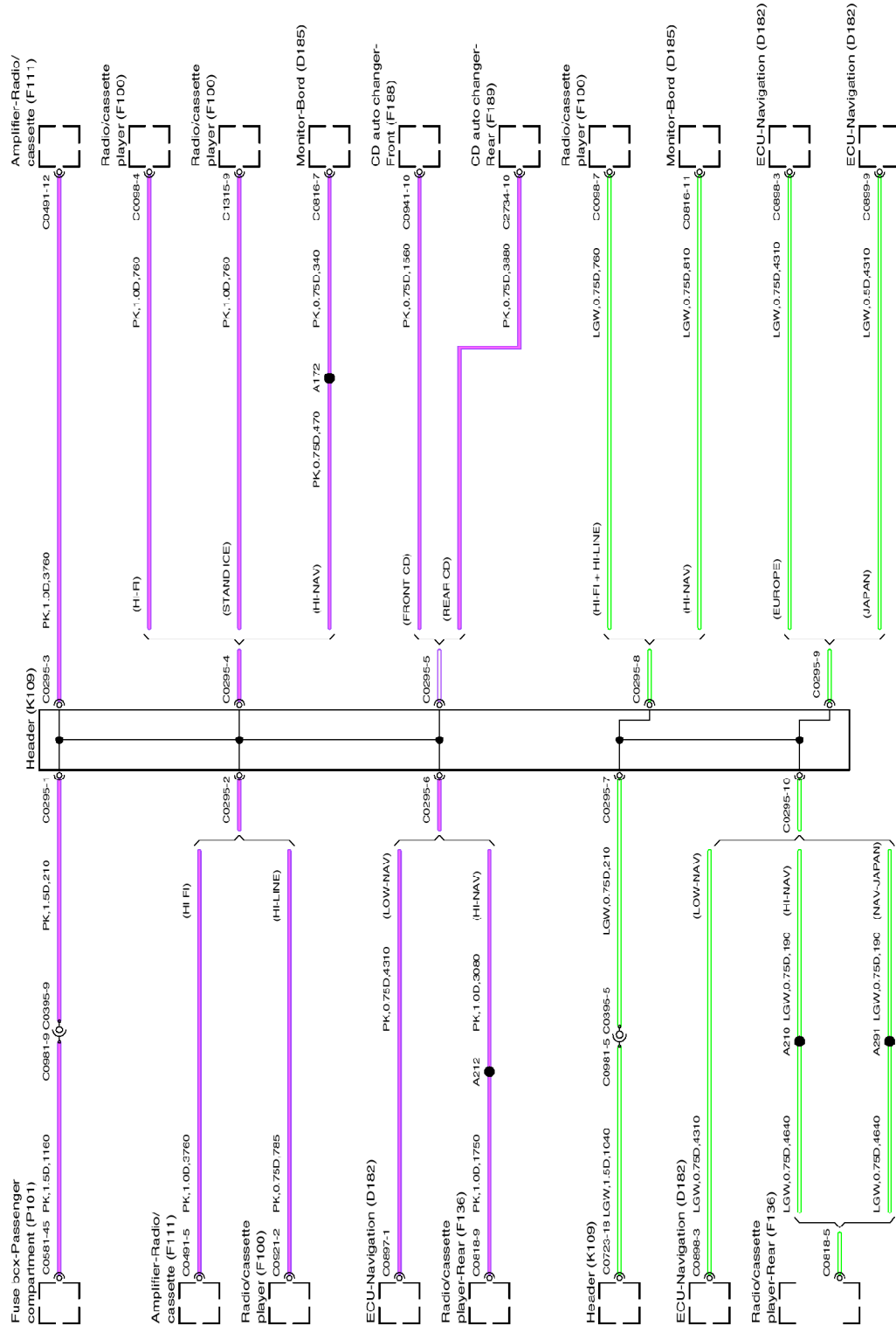
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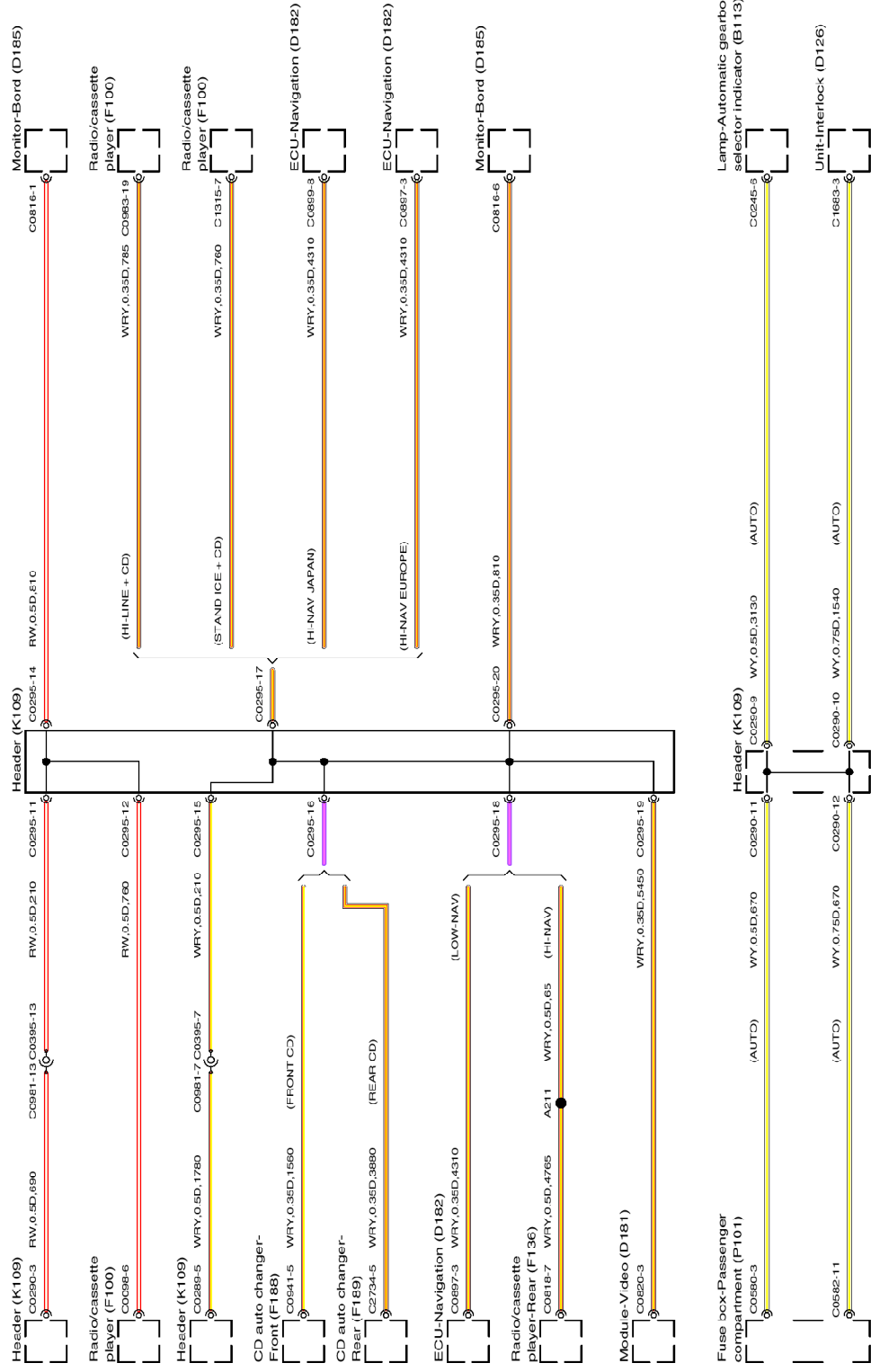
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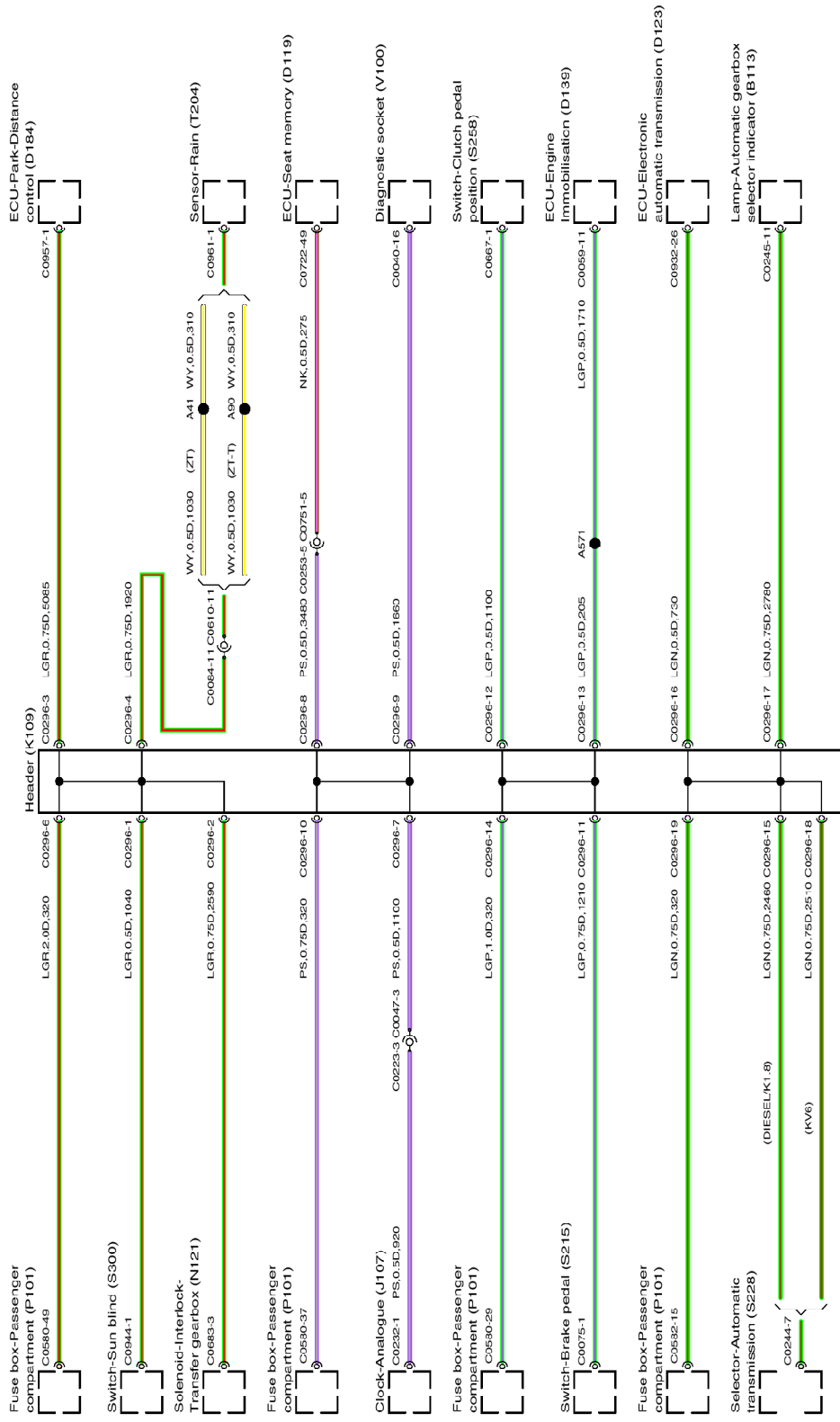
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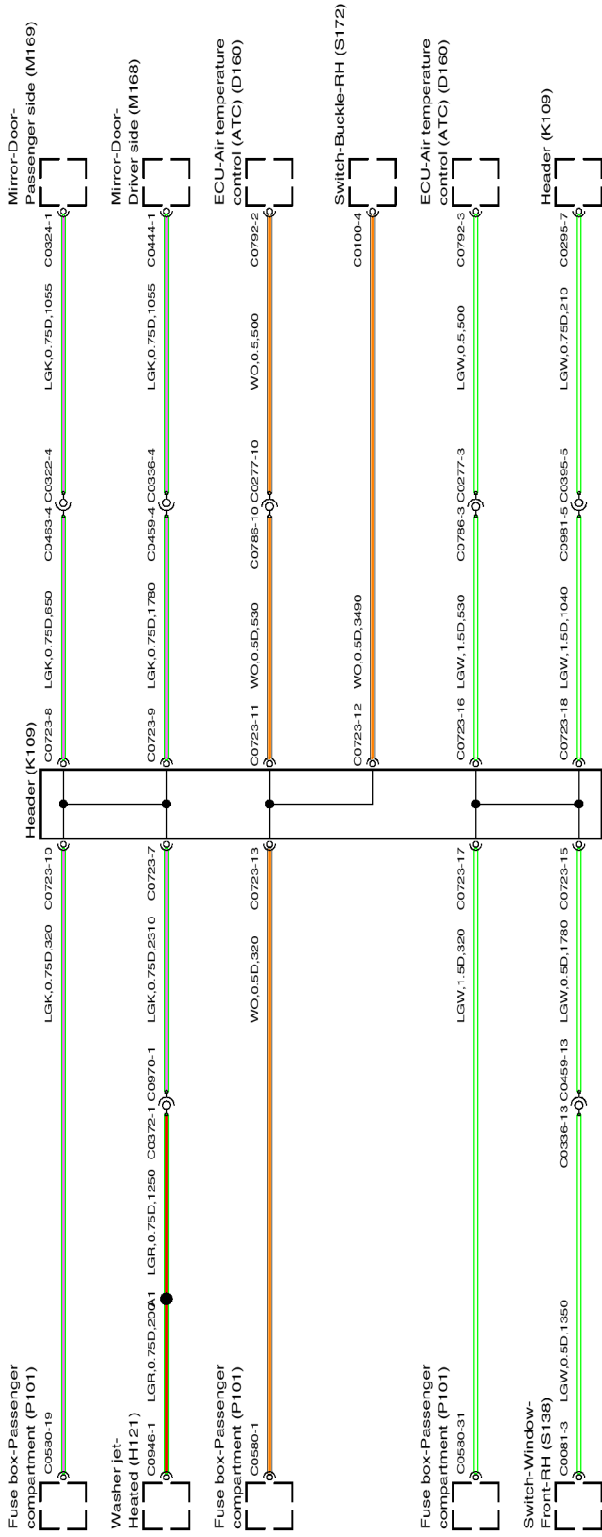
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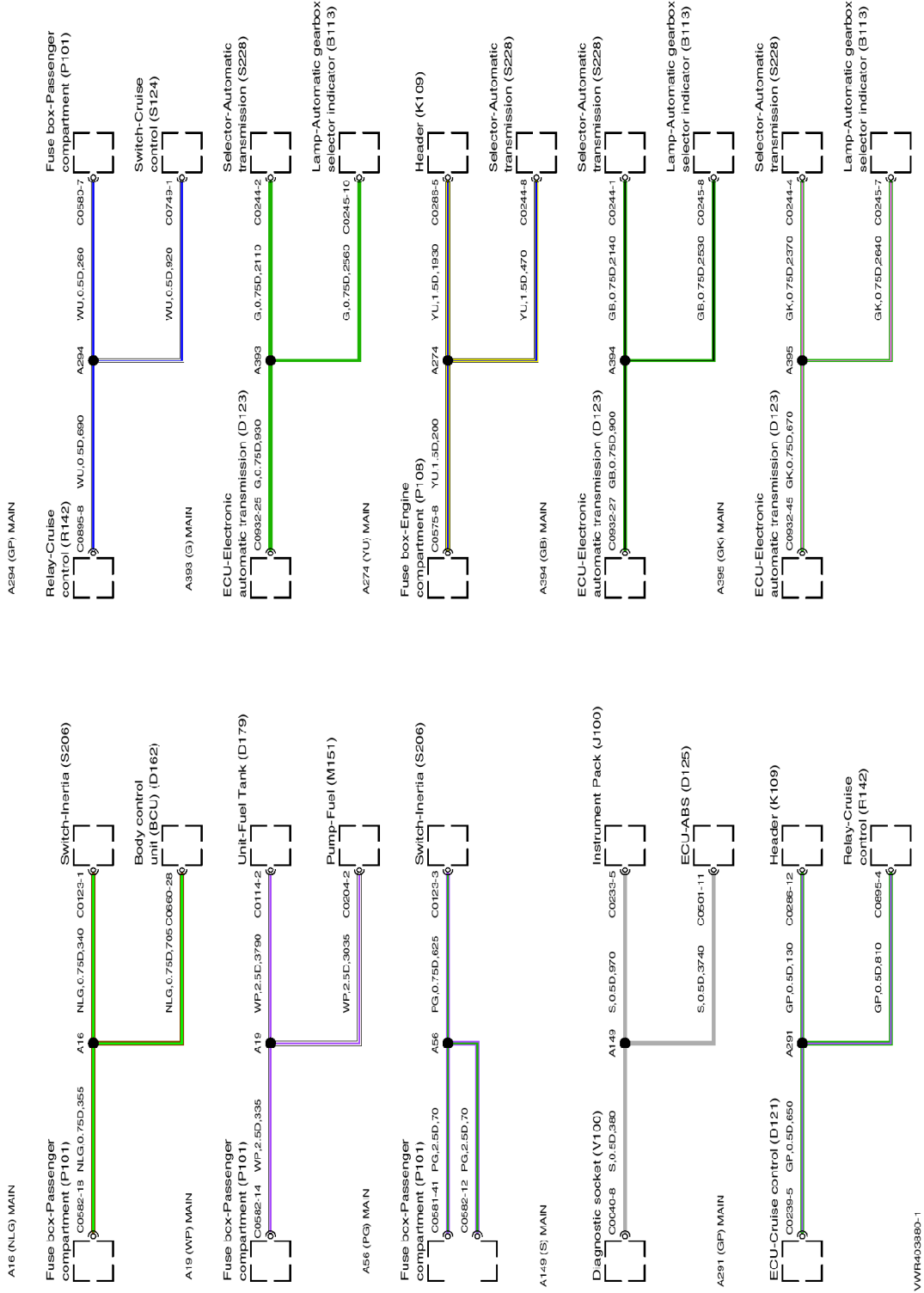
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VWR403200-8

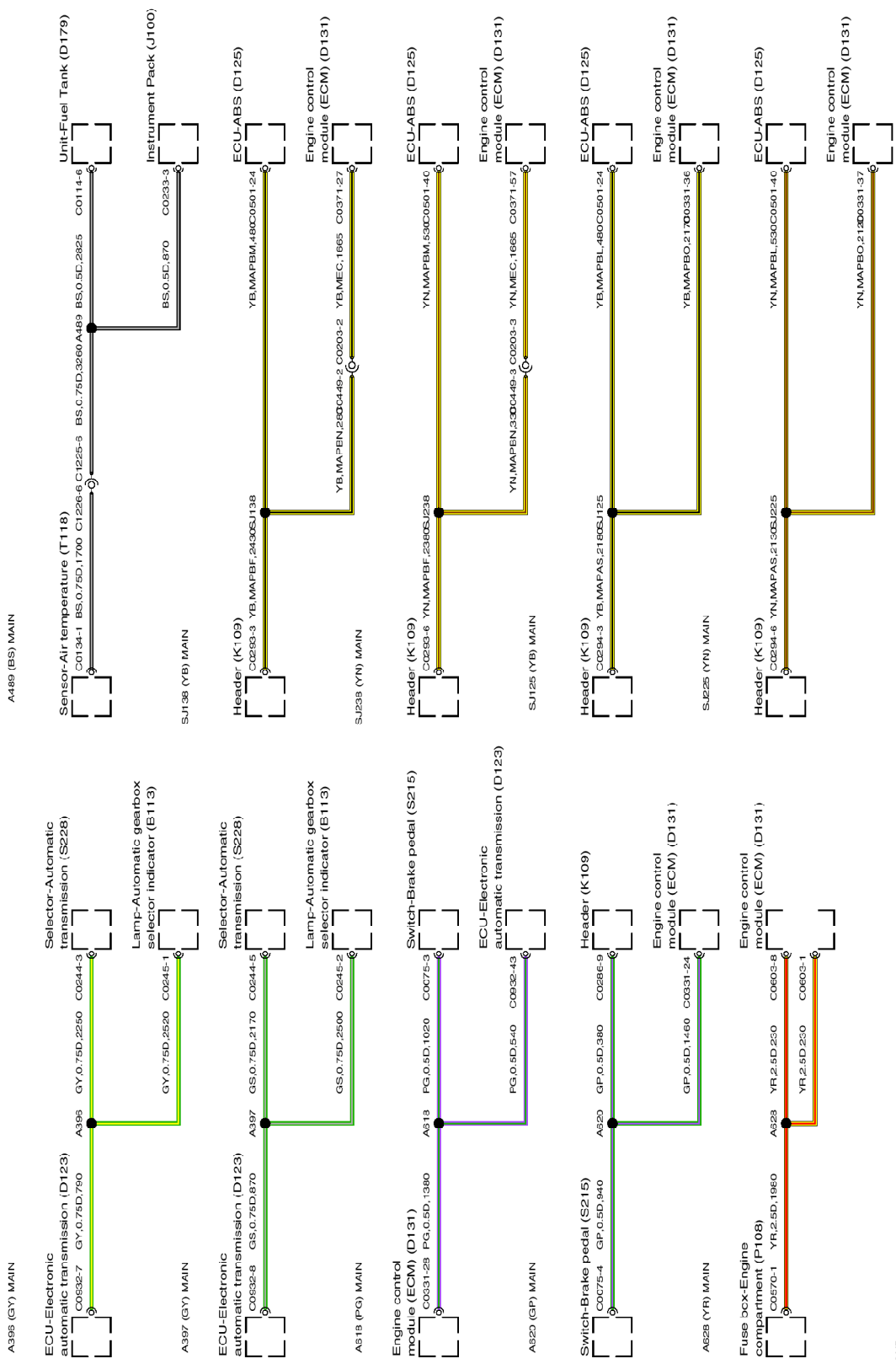


VWFR403200-8

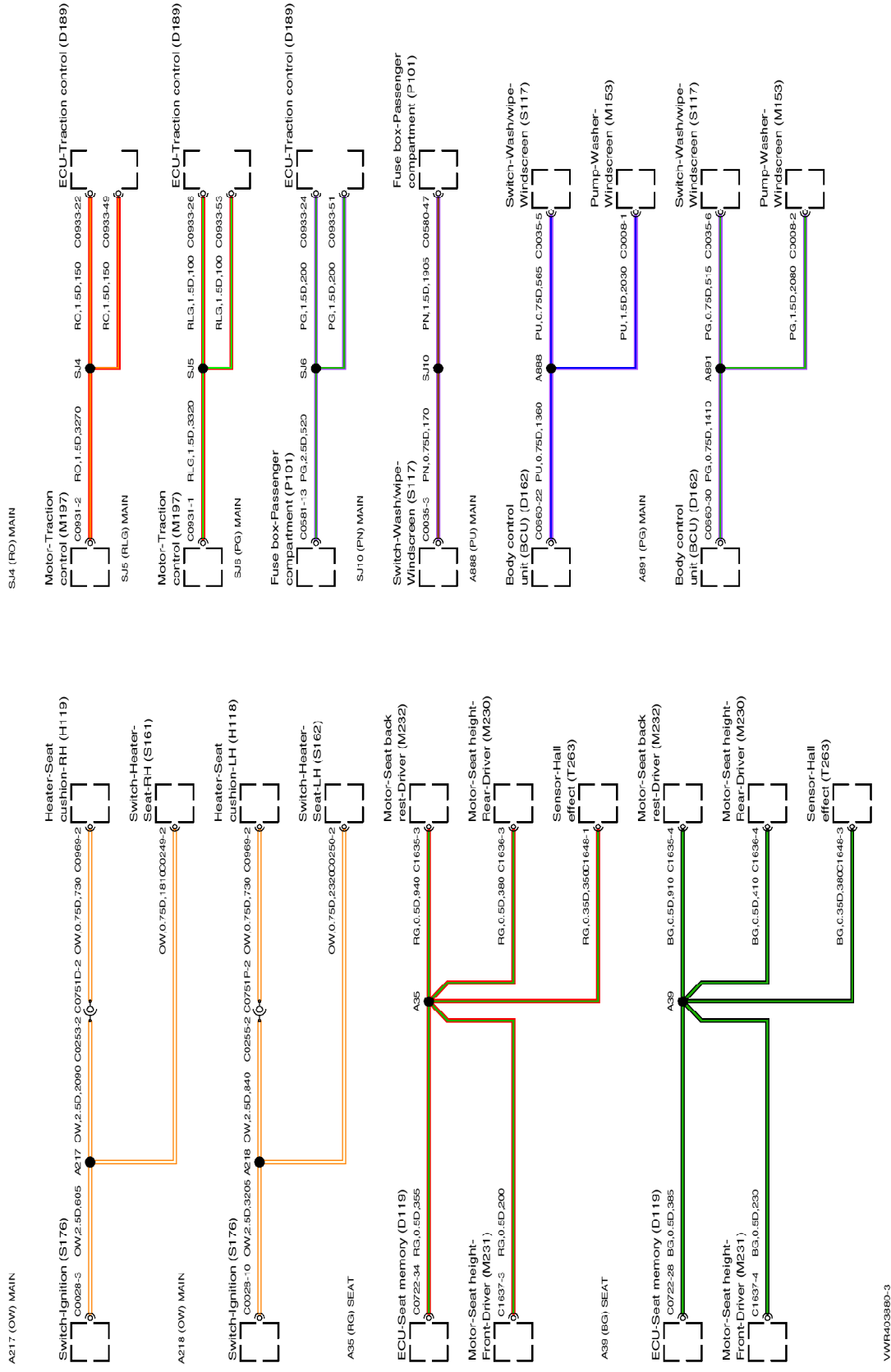


VWR403890-1

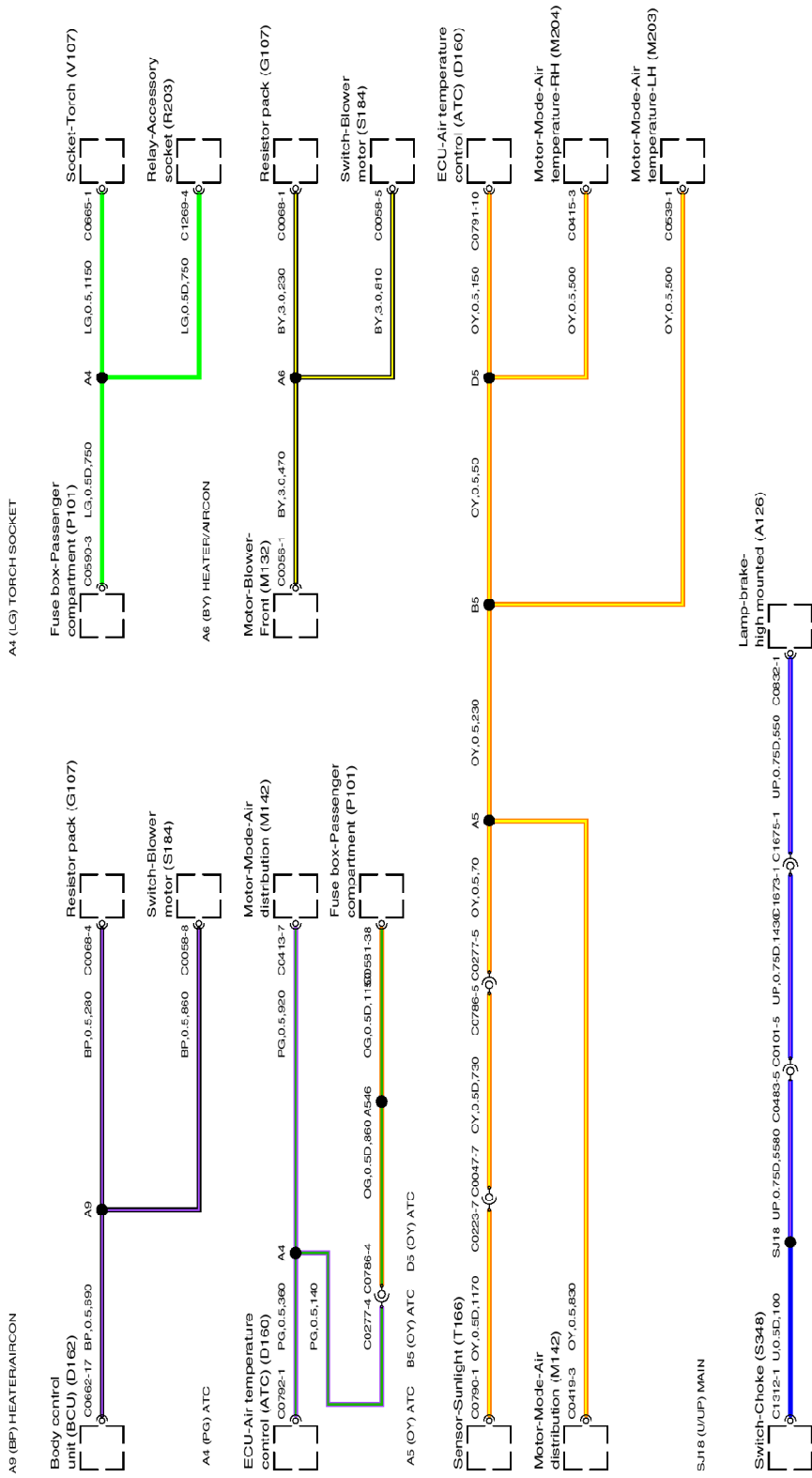
184 SPLICES AND CENTRE TAPS



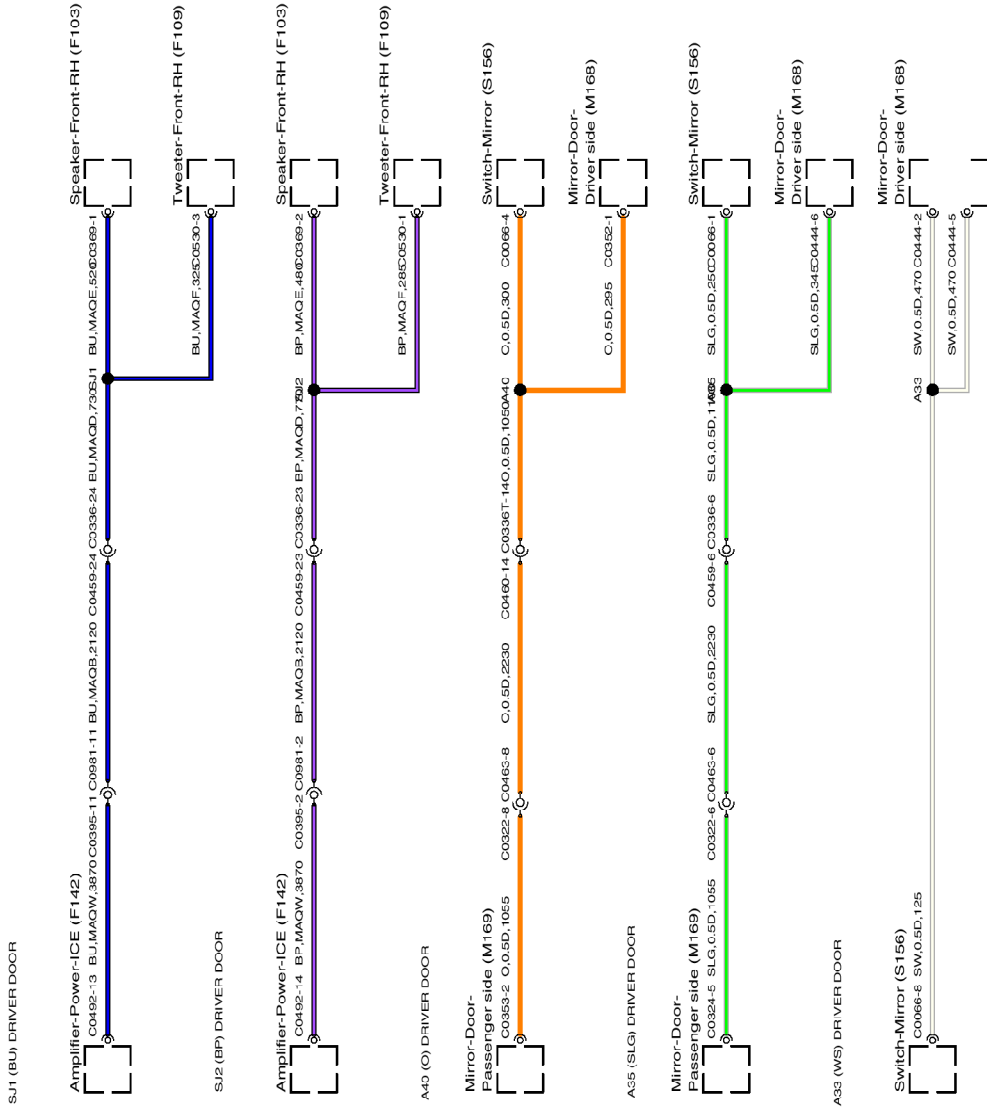
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VWR403380-3

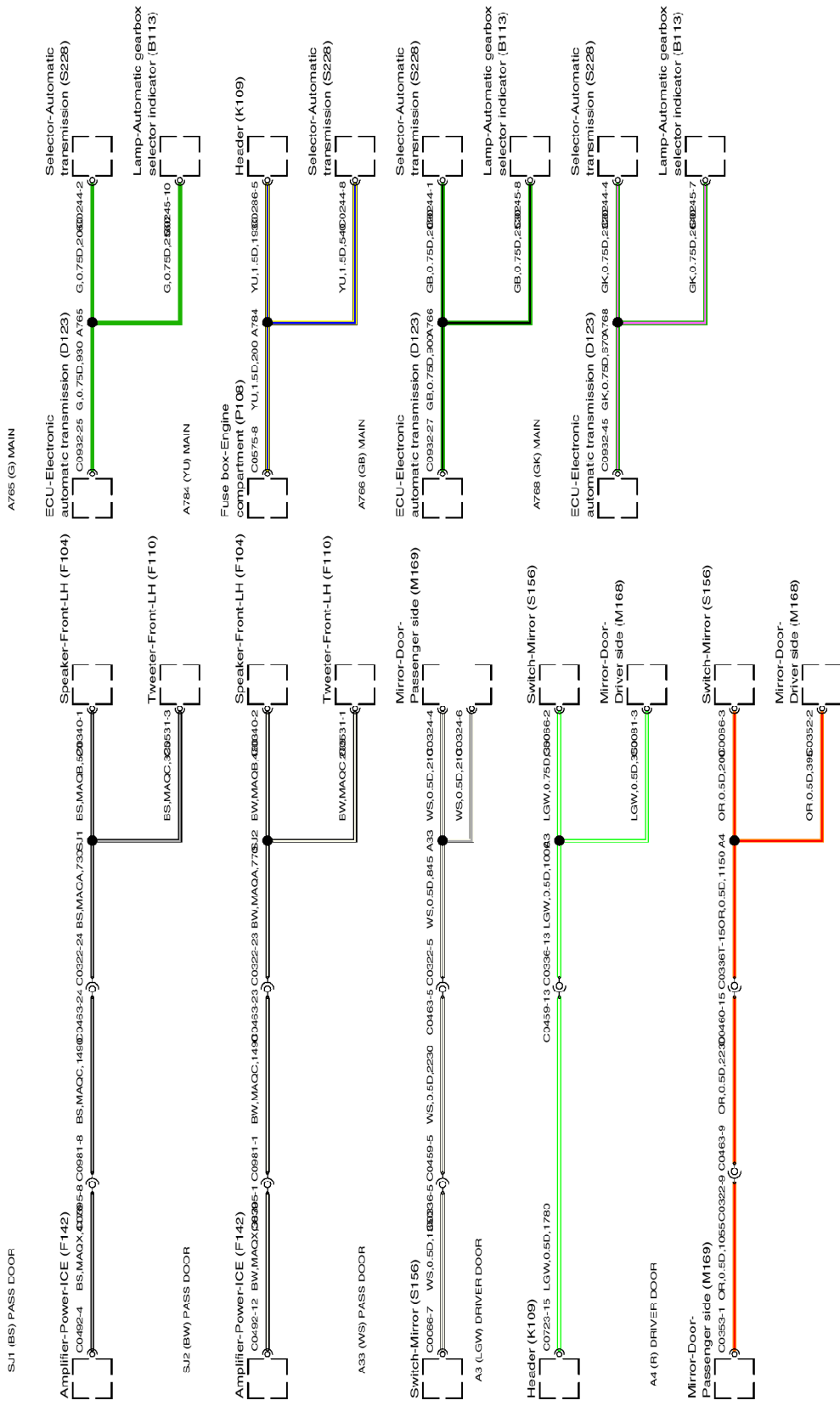


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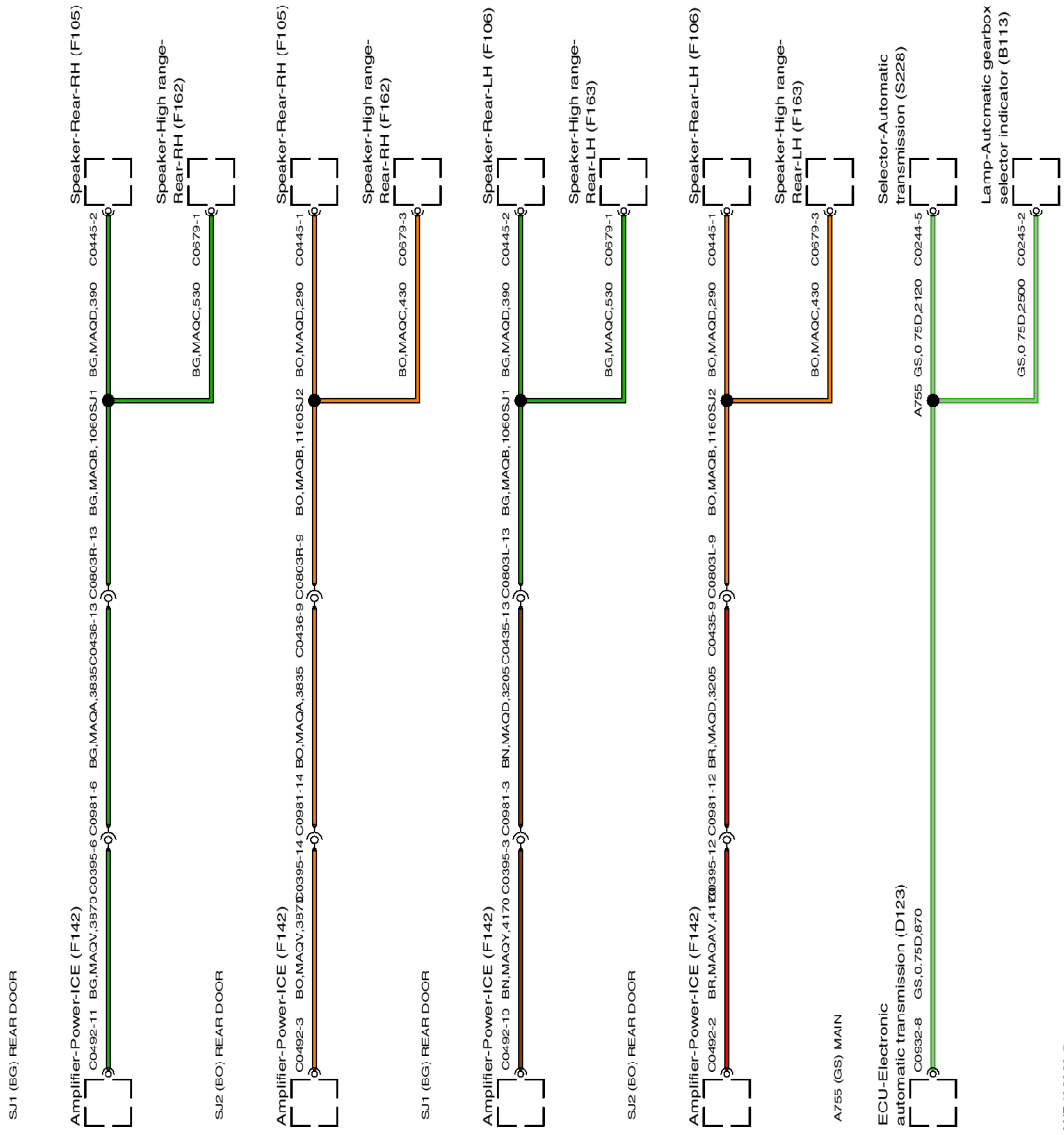


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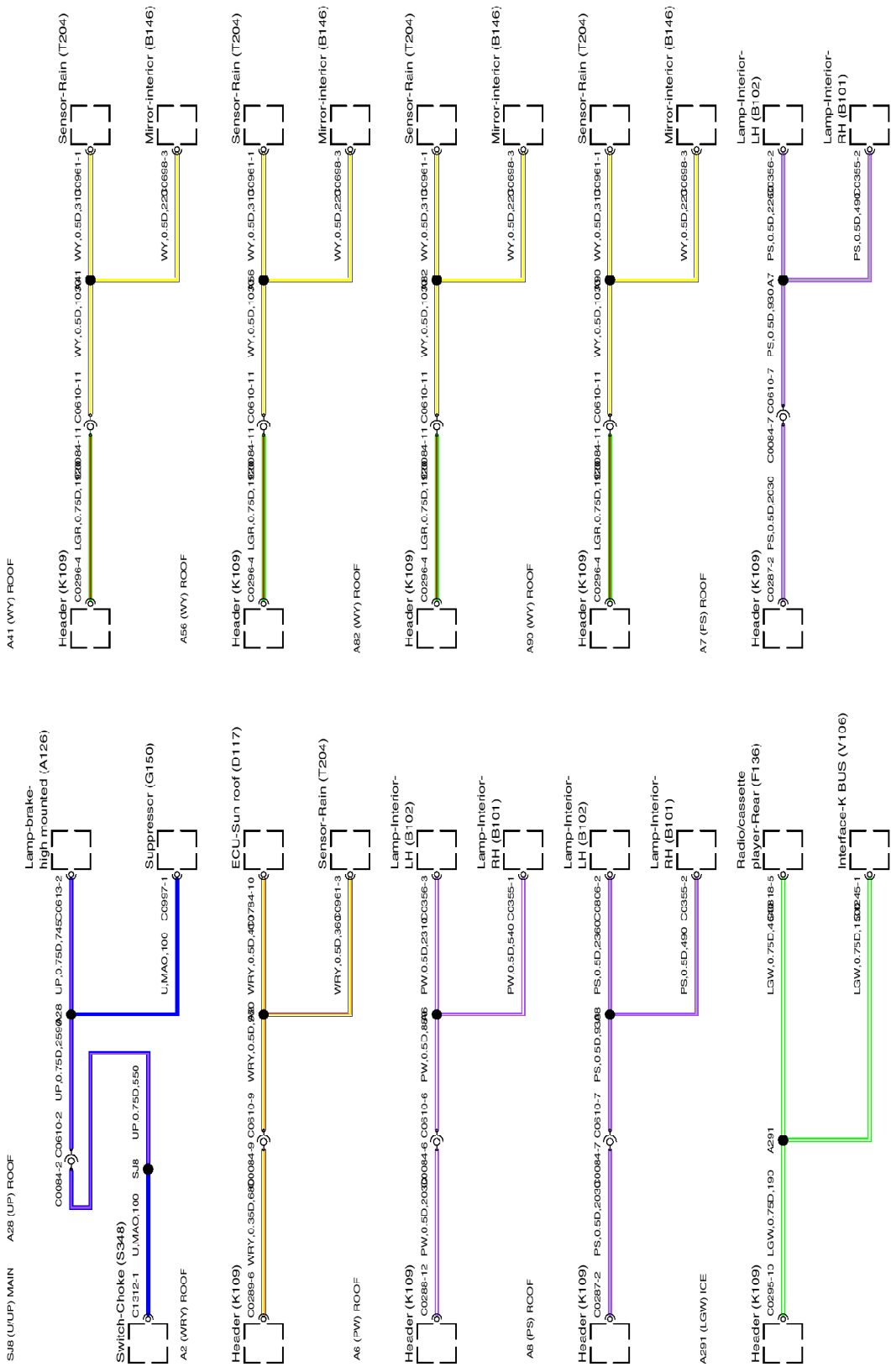
184 SPLICES AND CENTRE TAPS



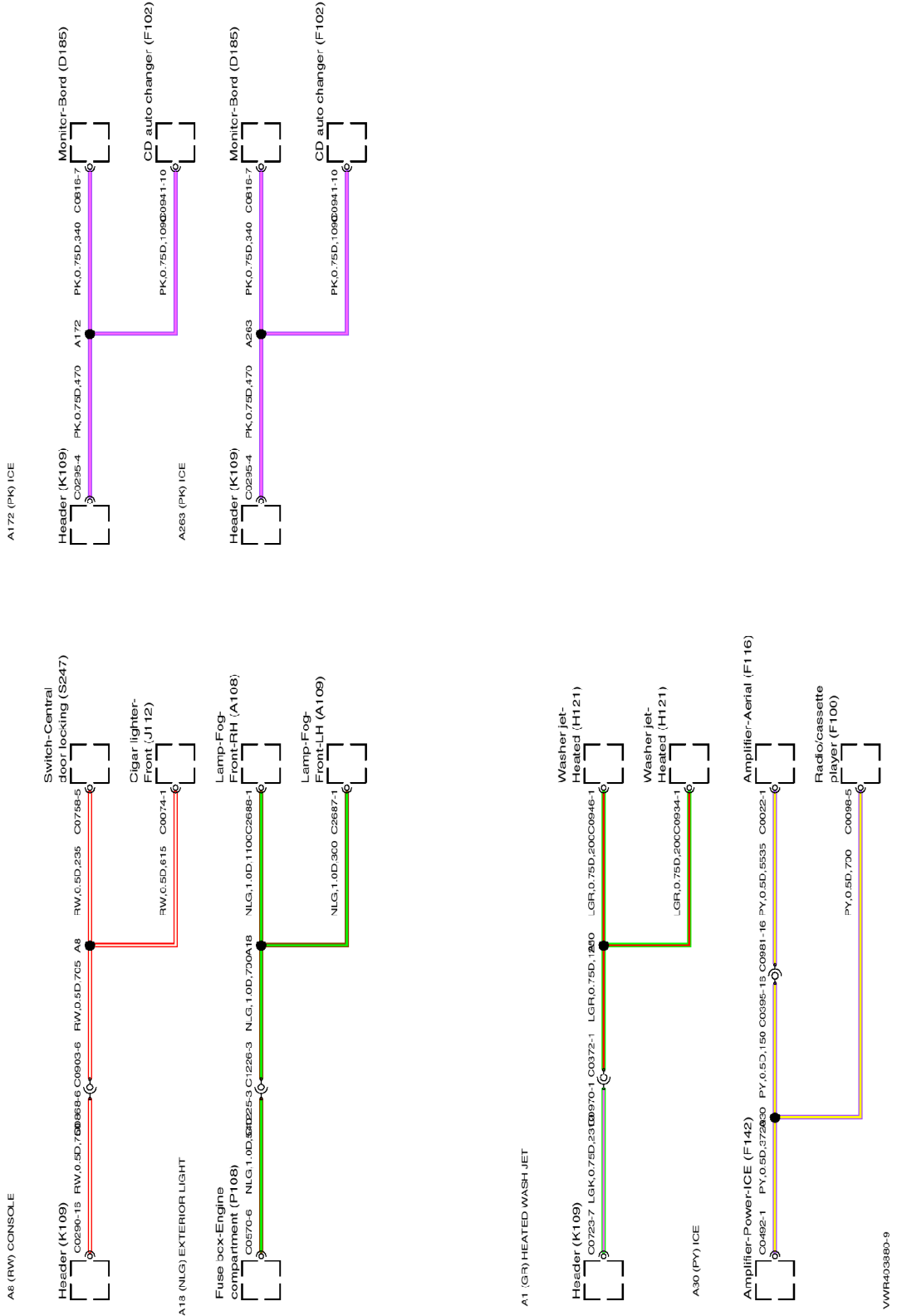
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VWR403380-7

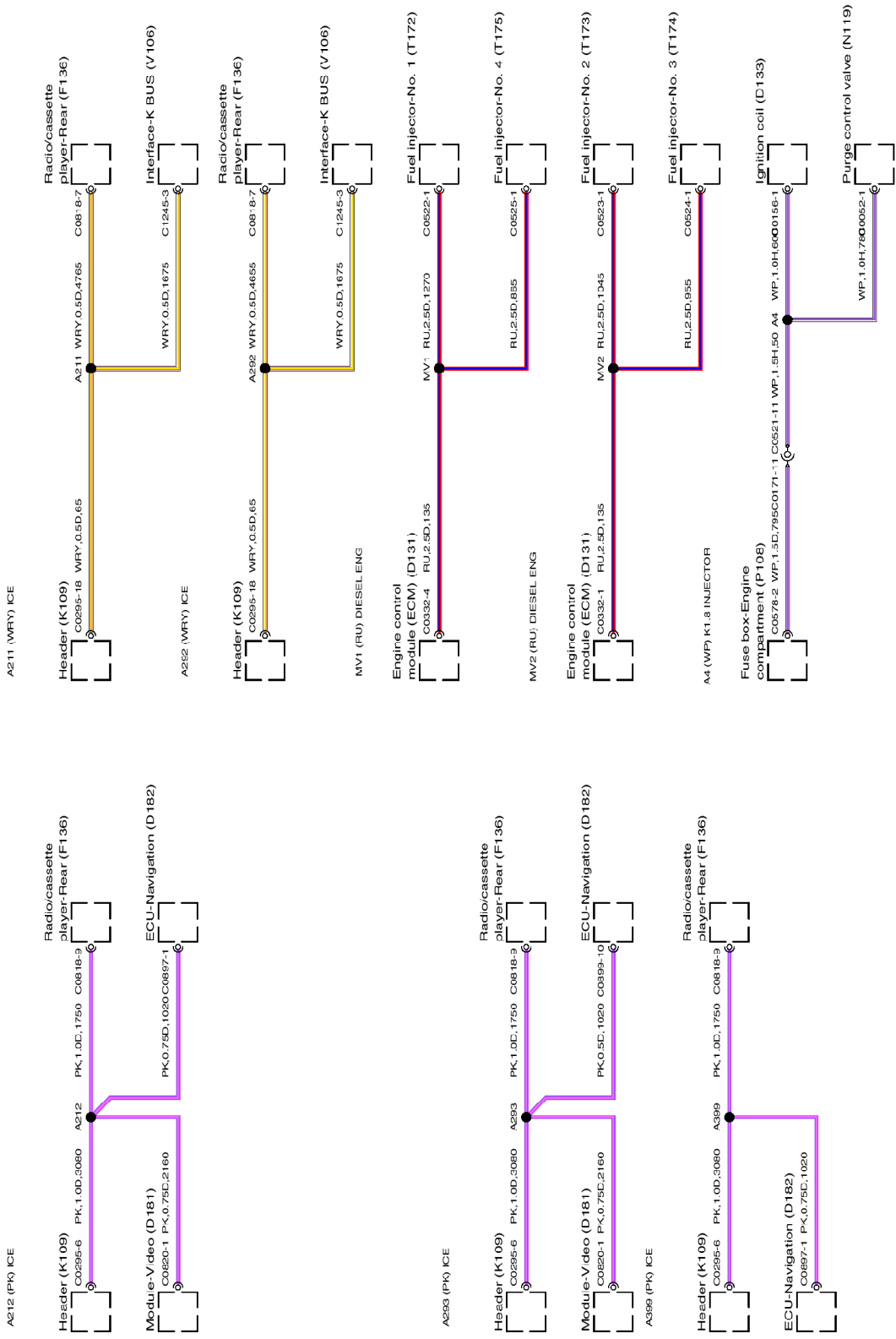


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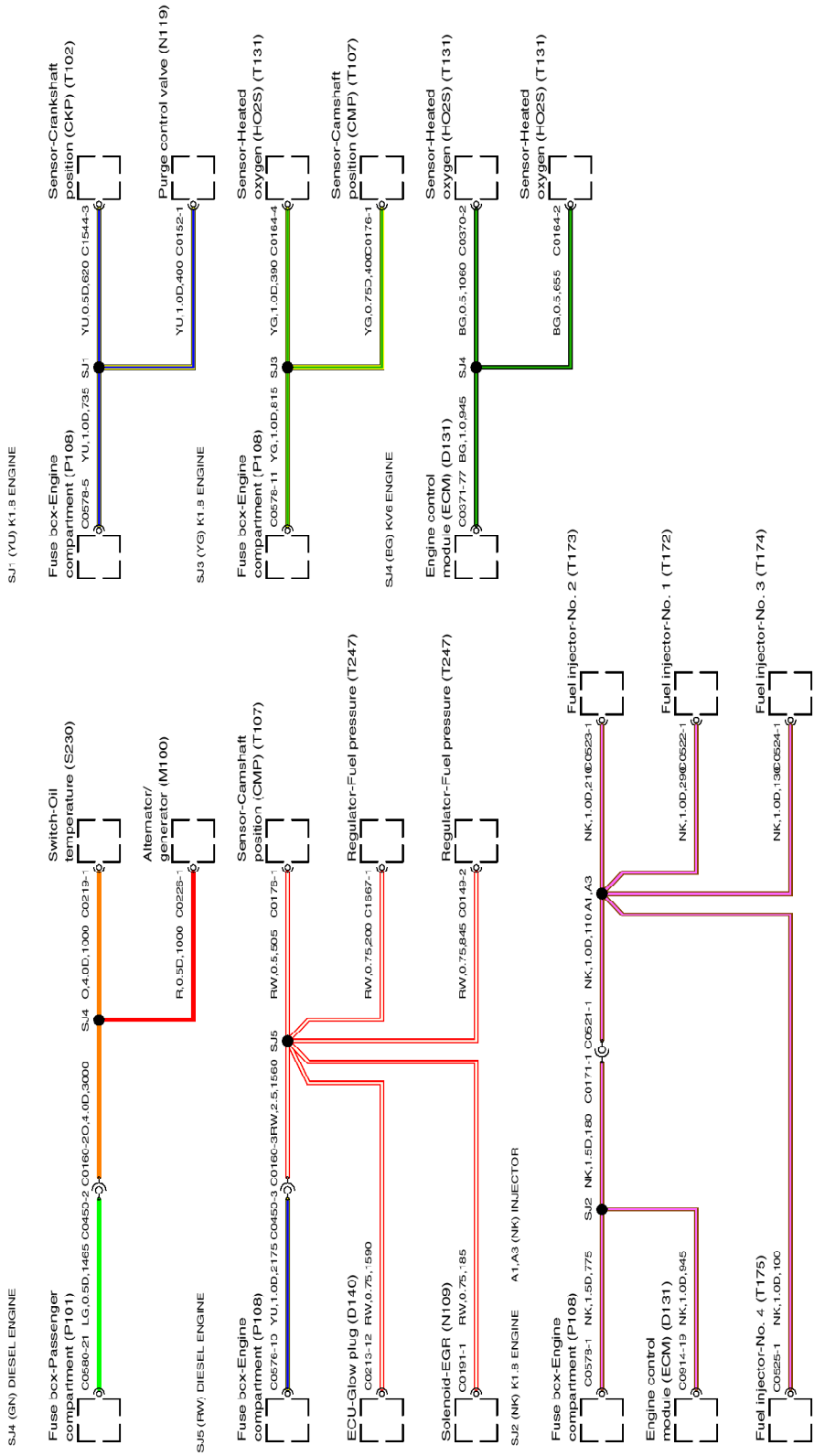


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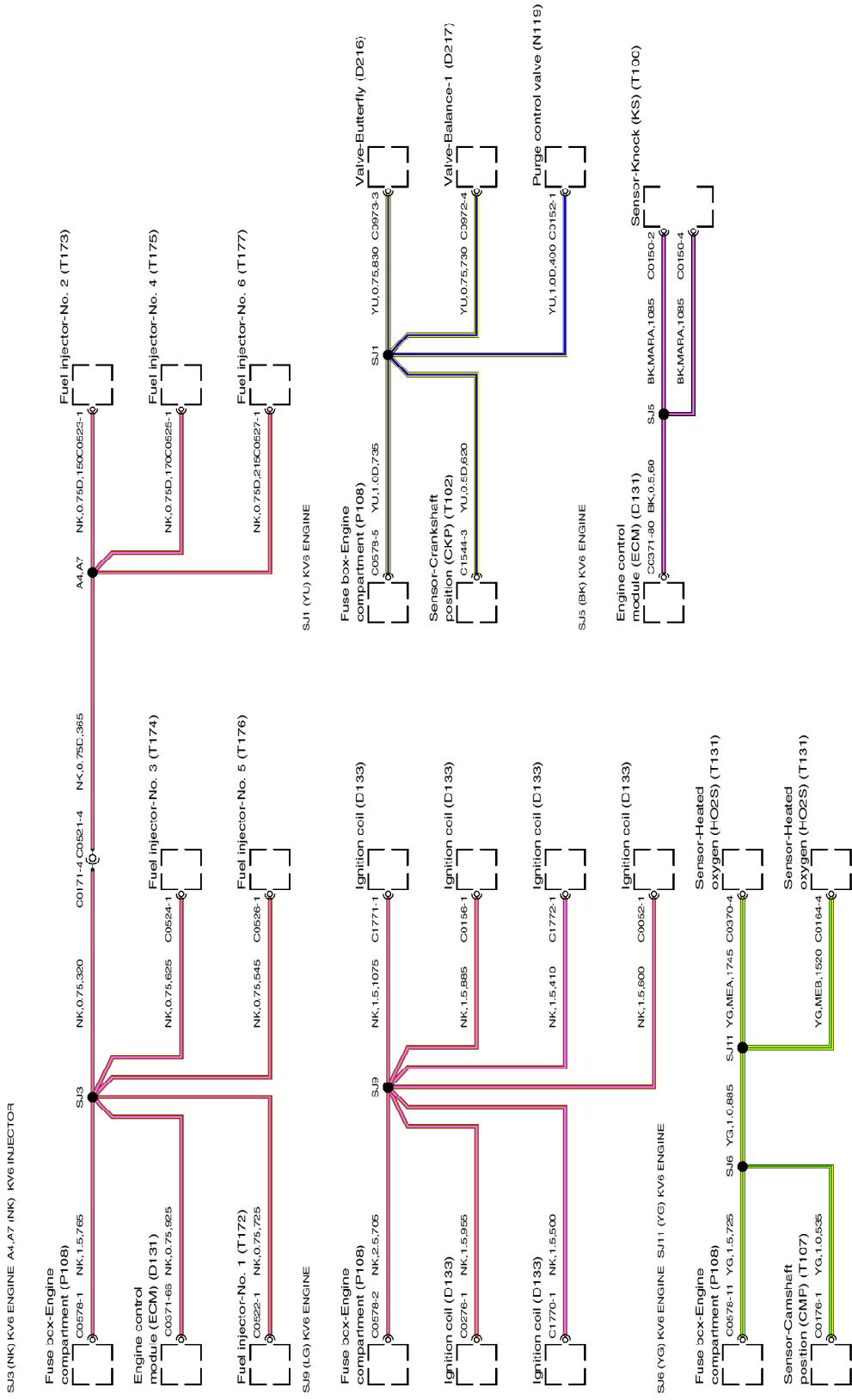
184 SPLICES AND CENTRE TAPS



VWFR403880-10



VWVFR403680-11



VW/F403680-12

